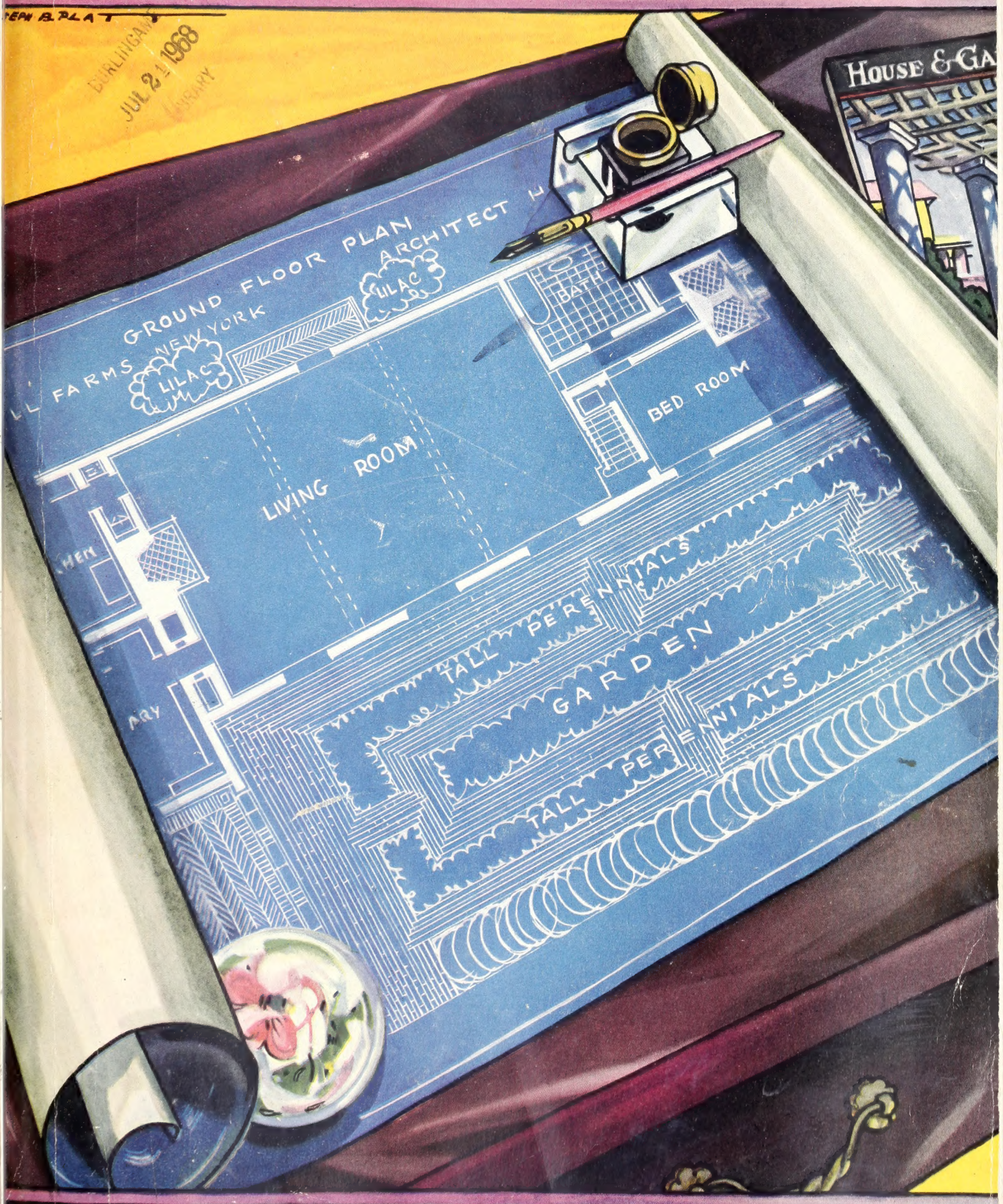
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Penal Code of California, 1915, Section 623.

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HOUSE & GARDEN

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The Condé Nast Publications Inc.





If about to build or remodel write for 64-page catalogue "Standard" Plumbing Fixtures for the Home.

"Standard"
PLUMBING FIXTURES

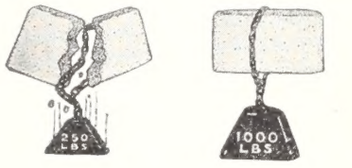
Standard Sanitary Mfg. Co.
Pittsburgh



Res. of James Gilmore, Esq., Reg. Arch. Cincinnati, Ohio, Bishopric Ivoral Cream Stucco over Bishopric Base on all exteriors.

Stucco walls of greater strength

Ordinary Stucco **Bishopric Stucco**



The enormous tensile strength of Bishopric Stucco is illustrated here. This is just one of the Bishopric guarantees of permanence on the wall.

How Bishopric provides *lasting beauty and protection for* your home

Rare beauty of shade and texture, with permanent protection from the elements are exclusive Bishopric qualities that are being appreciated more and more by those interested in home-building. BISHOPRIC is a super-stucco with greatly increased strength, thus providing durability and protection so vital to every building, whether it be large or small. In Bishopric only can be obtained the wide variety of beautiful shades and textures now demanded by those who appreciate the best. With Bishopric, beauty and protection go hand in hand.

Tensile strength tests show BISHOPRIC far superior to other stuccoes.

BISHOPRIC is fireproof, magnesia rock used is the same as that used to line furnaces and smelters — Tremendous heat has no effect on it.

BISHOPRIC is thoroughly water-proofed by a secret process shutting out moisture, cold, heat, wind and vermin.

BISHOPRIC Insulation Qualities are practically perfect, retarding heat and cold, eliminating objectionable noises.

BISHOPRIC requires no painting or renewing—A wall built to stand for generations.

In mansion or bungalow, Bishopric Stucco has a place, whether laid over stately lines or designed after those quaint cottage effects, now so popular.

Bishopric Stucco endures in every clime, retaining its strength and original color in temperatures of either extreme. Economical in original cost, negligible in upkeep, warm in winter and cool in summer, BISHOPRIC STUCCO over BISHOPRIC BASE not only wins friends but keeps them. And no wonder, for it yields itself to any form and endures from generation unto generation.

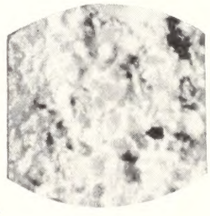
An interesting booklet, "Bishopric For All Time and Clime," illustrated with photographs of beautiful houses built with Bishopric Stucco, plaster and sheathing units will be mailed you Free.

Bishopric is Sold by Dealers Everywhere

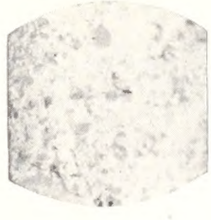
The BISHOPRIC MANUFACTURING Co.
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The BISHOPRIC MFG. CO. OF CALIFORNIA
LOS ANGELES

Ordinary Stucco



The average stucco being marketed today is extremely porous and therefore NOT WATER-PROOF. Notice the spongy porous formation in this enlargement and compare the density of Bishopric shown below.



Bishopric Stucco

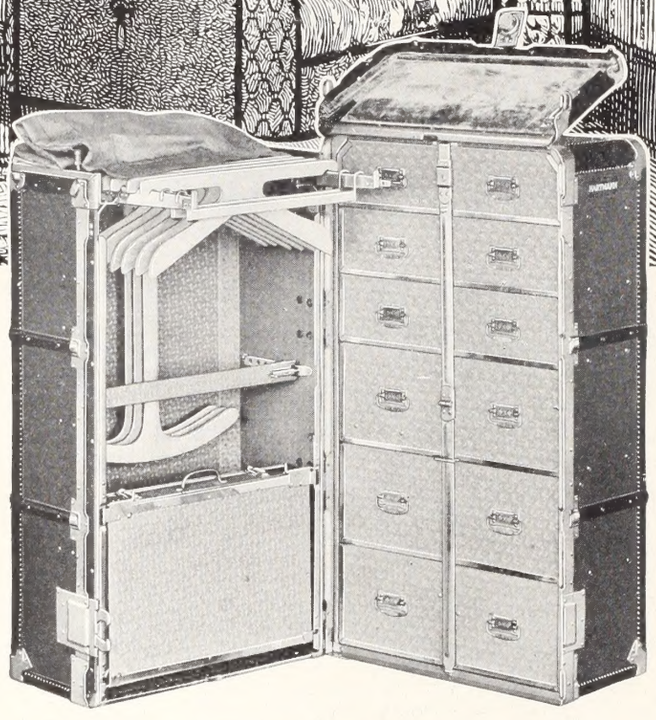
BISHOPRIC STUCCO *over* BISHOPRIC BASE

"A Complete Wall Unit for all Time and Clime"



CHAMBRE A COUCHER, HÔTEL DE M. R. A PARIS
PAR MAURICE DUFRÊNE

BACK of all achievement is love of the work. Two generations have built Hartmann trunks. Always present has been that desire to excel—that feeling of pride. And the knowledge that every trunk bears the name has played its part. Instinct tells you, when you look at a Hartmann Wardrobe Trunk, that it has that indefinable something we call "quality." And ownership proves instinct right. Sold only by dealers who believe in unusual quality at usual prices.



Over half a million in use
—quality tells

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Licensed Canadian Manufacturers
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HARTMANN TRUNKS

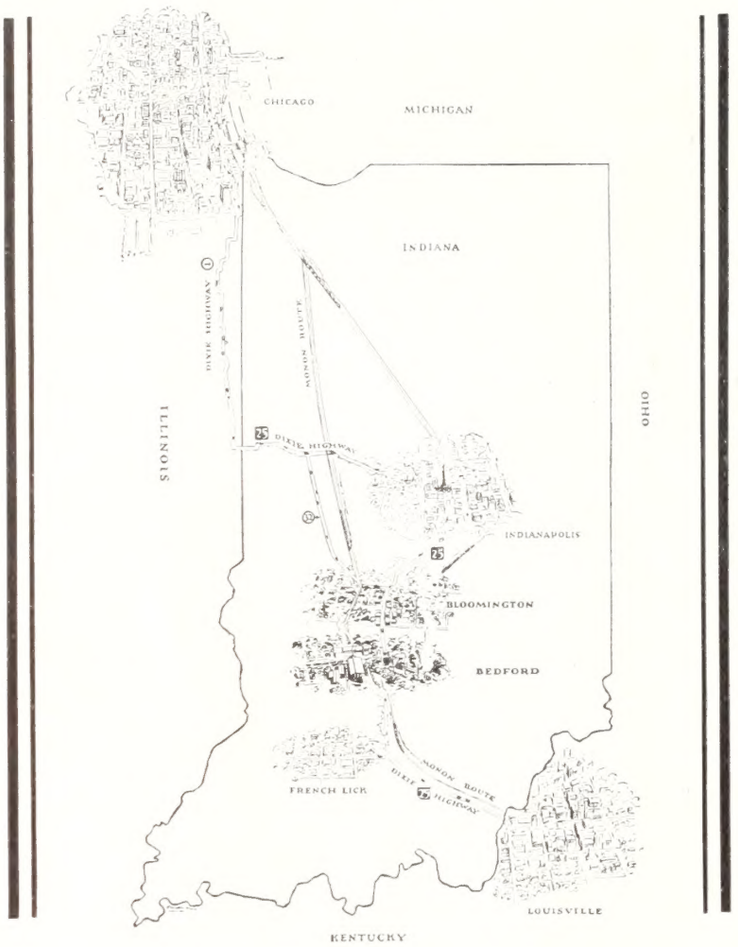
BE SURE THE HARTMANN RED ✕ IS ON THE TRUNK YOU BUY

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BUILD THE NATION SECURELY WITH

INDIANA LIMESTONE

THE NATION'S BUILDING STONE



An Invitation

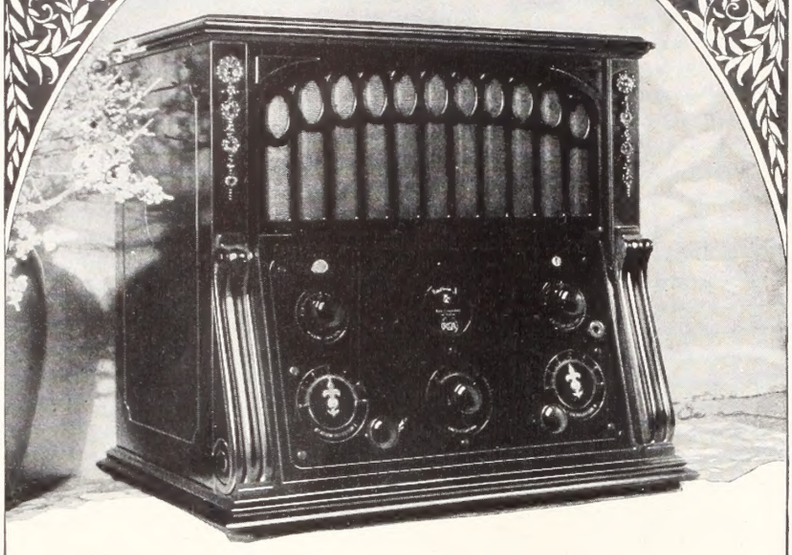
BRIGHT prospects mark the opening of the New Year. The business horizon is aglow, for fundamental conditions never were sounder. Building construction will continue in large volume. Steady growth of the nation makes this inevitable. Builders are anticipating their 1925 needs. During the next two months thousands will visit the famous Limestone district. When the quarry pits are roaring, the Bedford-Bloomington countryside becomes a vast panorama of engineering skill. The scarred hills of natural stone are an irresistible fascination.

From French Lick Springs, the Land of Stone can be reached in a single hour. Motorists use the Dixie Highway for Bedford and Bloomington, which are midway between Indianapolis and Louisville.

Every prospective builder should make this trip a part of his New Year schedule, for it combines business, education and pleasure.

INDIANA LIMESTONE QUARRYMEN'S ASSOCIATION
BEDFORD, INDIANA
(782)

RADIOLA X



RADIOLA X
—the famous Regenoflex circuit, in a rich mahogany cabinet, with a built-in loudspeaker, and space for the batteries. With four Radiotrons WD-11. Complete except batteries and antenna, $245

THE "distance fan" is now a *listener!* The thrill of radio is no longer in getting fifty stations in a night, for radio has conquered distance, and turns now to music.

Music from far stations—music from near stations—*clear* and *true!* No longer will horn sounds, noises, thinned and flattened tones pass for music because they come from far away. In the Radiola X, each thread of sound reaches your room as it was played or sung—in full richness. Speech is clear, voices are *real.*

The engineers have kept pace with the broadcasters—have improved reception to meet an ever-widening world of fun. With the simplicity, the beauty, and the *tone quality* of Radiola X, the home becomes a fascinating corner in a world of new interests and new pleasures—for *everybody.*

"There's a **Radiola** *for every purse"*



RADIOLA REGENOFLEX
—sensitive, clear-toned, non-radiating. With four Radiotrons WD-11 and Radiola Loudspeaker. Space inside for the batteries. Entirely complete except batteries and antenna, $191
Uses only dry batteries.

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Sales Offices: Suite No. 671
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Radiola

REG. U. S. PAT. OFF.

RCA *This symbol of quality is your protection*

Sarook, Teheran, Ispahan, and Tabriz are among the districts of Persia whose rugs you find at Macy's. And to me Chinese comes a rug, new to America, which is



exclusive at Macy's. Its tones of red, blue, and mulberry are unsurpassable in lustre, yet the prices are surprisingly moderate. Ask to see Macy's new Chinese rug.

MACY'S BUYER WENT A LONG WAY TO SAVE YOU MONEY

PERSIAN RUGS, the best of Orientals, are woven in villages more than ten thousand miles from New York. Rarely do department store buyers travel to Persia, and beyond.

But Macy's Oriental rug buyer made this journey recently; he went from New York to Bombay, then to Bagdad, and through the heart of northern Persia, and finally to Cashmere and the borders of Afghanistan.

His long excursion was worth while; for he bought thousands of rugs for less than they would cost at wholesale in New York, and you will now find them at Macy's at prices which spell *real* savings—prices that are the lowest. quality for quality, in New York.







A snapshot taken in Hamadan, Persia. On the rug bales you will see the initials R. H. M. Rowland H. Macy died before the age of snapshots—yet he, too, never hesitated to travel overseas, so that his patrons might be better served, and his sturdy example is followed by the people of the institution which he founded.

These two Persian rugs from Macy's collection are antique Senna Kurdistans, priced respectively $348 and $478. The Chinese bronze temple bell of the Han Dynasty is from Macy's remarkable Far East Department, adjoining the Oriental Rug Department on the sixth floor. Price, $124.

R. H. Macy & Co. Inc.

34TH ST. & BROADWAY · NEW YORK CITY

GUMWOOD—ONE OF AMERICA'S FINEST CABINET HARDWOODS

One of Nature's riddles

THE pattern in figured gumwood obeys no laws; it ramifies through the wood at random. Fine effects are eagerly sought for modern interiors.



Gumwood for solid parts permits extra value in design, construction, finish, and surface woods used



Entire base and carved end-supports of American gumwood



All but the inlaid top is gumwood



Frame, legs, and mirror supports of durable and dependable gumwood



All gumwood except ornamental panels



Solid gumwood finished natural



No other cabinet hardwood yields more exquisitely matched panels than figured American gumwood.

Long esteemed abroad
now appreciated at home

EUROPE has always recognized the exquisite beauty of a certain American hardwood. Spain pays duty on it, as an "imported" wood of surpassing quality. Cabinetmakers of other countries have long prized its rare individuality, with a texture resembling satin.

Today America acclaims its own

American Gumwood proudly asserts its name and title to a leading place among cabinet hardwoods. Architects now panel the lobbies of many of our most pretentious hotels with richly figured panels of this native wood, finished in its own natural delicate coloring. Modern homes are enriched by the characteristic warm tones of plain gum woodwork.



Virgin stand of American Gumwood

The wood that brings good furniture within reach

Furniture manufacturers have long valued American gumwood in the construction of their best furniture; its structural qualities are proved. It readily takes a finish in harmony with other hardwoods combined with it. More actual value may be put into the design of the piece, in the artistic treatment of other woods selected for surfaces, when gumwood is used for solid parts. The utmost in design, construction, and finish is achieved, with maximum economy. Ask any furniture dealer.

Retail stores the country over offer for sale good furniture in which American gumwood is used; they so advertise it, and endorse it to the public.

Write the Gumwood Service Bureau of the Hardwood Manufacturers Institute, Memphis, Tenn., for further information.

In the living room or library where long midwinter days are enjoyed, comfortable, deep-seated chairs and couches lend dignity and intimacy.



Upholstered Furniture

Made by Our Own Specialists

In our own furniture workrooms, where specialists supervise design and construction, the quality of the work rather than quantity is the goal. So each piece achieves an individuality that distinguishes it from commonplace furniture of this type. The slender, graceful lines of the Tuxedo, Chesterfield, Lawson and many other designs, give them a lightness and delicacy that in no way detracts from their comfort. For they are luxuriously soft and deep-seated, and so well-constructed that they will endure long, hard service and retain their beauty and shape.

You may select the colors and upholstery to harmonize with your home, from an extensive collection of fabrics.

Denim, sateen, mohair, Radnor cloth, velvets, tapestries and a variety of other fabrics of fine quality—plain, figured or striped.

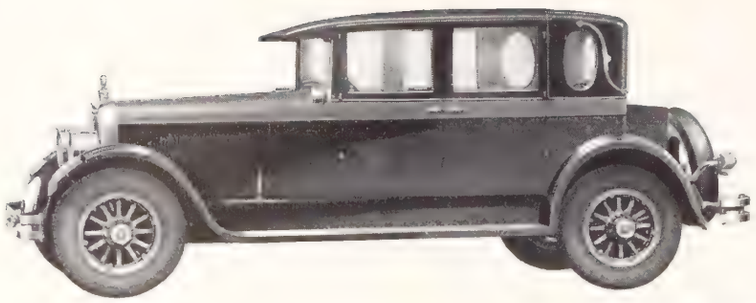
Arm chairs, wing chairs, boudoir chairs, chaises longues, davenports, benches and stools.

[illegible] covered in striped and plain Radnor cloth and made in our workrooms are shown in the Home Interiors, Sixth Floor.

[illegible] FLOOR

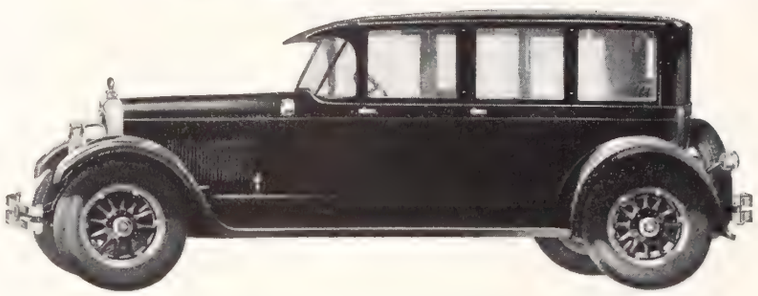
Lord & Taylor

FIFTH AVENUE · NEW YORK

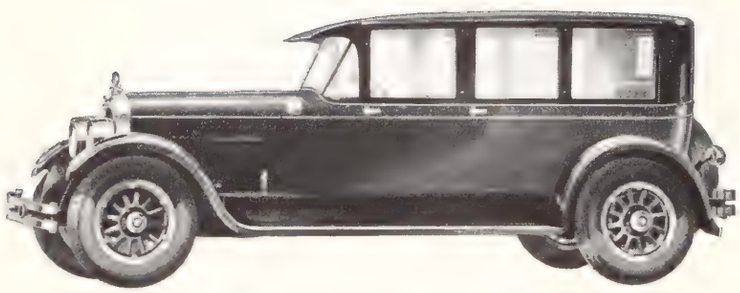


Only $130 more than an open car

The New Marmon Brougham Coupe, a smartly proportioned four-door car for five passengers, $3295



The New Marmon Five-Passenger
Sedan de luxe, $3775



The New Marmon Seven-Passenger
Sedan de luxe, $3850

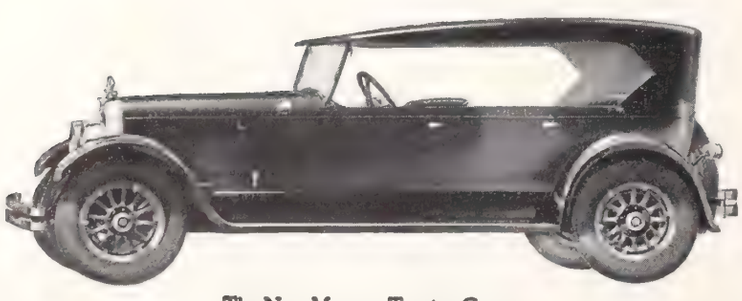
The New



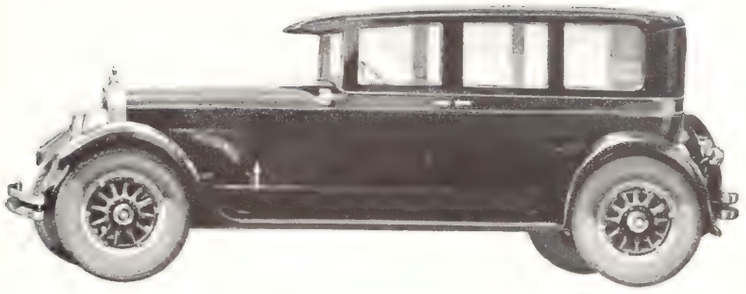
The New Marmon Roadster, $3165



The New Marmon Phaeton,
for five passengers, $3165



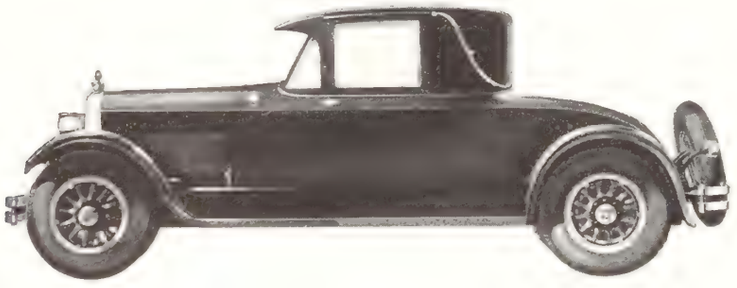
The New Marmon Touring Car,
for seven passengers, $3165



Only $130 more than an open car—The New Marmon Sedan, a full-sized, four-door Sedan, for five passengers, abounding in luxurious detail, $3295

MARMON

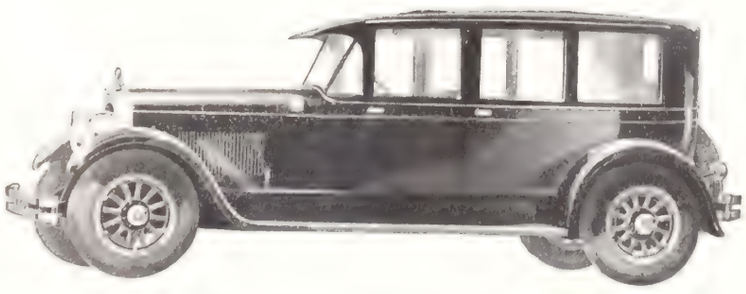
"It's a Great Automobile!"



The New Marmon Coupe de luxe, $3455



The New Marmon Five-Passenger Sedan-Limousine de luxe, $3900



The New Marmon Seven-Passenger Sedan-Limousine de luxe, $3975

WHATEVER your motoring habits and inclinations may be, there is one particular model of the *New* Marmon that completely meets your personal requirements. ¶Upon the inherent goodness of the Marmon chassis, the greatest custom tailors of motordom have lavished unstinted charm and beauty in ten different body styles. ¶In one of these *New* Marmons you will find a pleasant and practical realization of your fondest motoring aspirations. ¶And, regardless of which model you choose, time will prove that . . . "It's a *Great* Automobile!" ¶*All cars equipped with full-size balloon tires* . . . All prices f. o. b. Indianapolis. Government tax extra.

NORDYKE & MARMON COMPANY
Established 1851 · Indianapolis, Indiana

THE attractiveness of any room—large or small—is dependent upon the proper use of color.

The variety of color combinations and patterns designed by Stedman enables the home owner not only to secure the greatest harmony possible, but also to create a decorative effect that is pleasingly different.

The designs in plain colors, veinings and mottled effects run through the entire depth of the reinforced rubber. Thus the beauty does not fade or wear off but rather improves with each year of use.

Stedman Flooring requires no waxing or oiling, ordinary washing being the only care necessary; it does not dent, crack or wear out even after countless years of service. In fact the cost of installation is the only cost.

Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

We will be pleased to send you prices and tell you how Stedman Floors can be obtained for one room or many.

J. H. Stedman
NATURIZED FLOORING
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STEDMAN PRODUCTS COMPANY
"Originators of Reinforced Rubber Flooring"
SOUTH BRAINTREE, MASSACHUSETTS

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Pencil drawing from actual installation of Stedman Flooring

Stedman

REINFORCED RUBBER FLOORING



Only a mirror could give the requisite depth and brilliance to this remarkable arrangement a la chinoise. Photograph by M. E. HEWITT.

THE MAJOR ROLE OF THE MIRROR

In the never-ending effort to make the modern home ever more and more beautiful, the mirror plays a more important part today than ever before. Not only in interior decoration, but as a part of the architectural plan of the house itself.

Nowadays one sees at every turn a mirror reflecting the color notes of flower arrangements, the contours of a handsome vase or the long vista of a well-designed hall. Built-in mirrors in the conservatory or sun-room redouble the delicate beauty of a fountain or the massed greenery of decorative shrubs. Behind built-in mirrors in bedrooms one finds long rows of frocks and gowns in roomy closets. And the built-in mirror above the mantel takes on a quality of permanence and seems a part of the room itself, far more so than a detachable mirror. Nevertheless, in particularly handsome or unique frames, the detachable mirror is widely used by decorators, not only as an adjunct to a decorative setting, but as the very center of many charming and unusual arrangements.

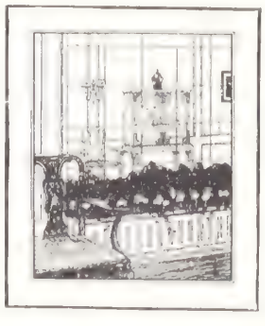
In boudoirs and dressing-rooms mirrors have, of course, always been a necessity. However, the tendency is to build these as integral parts of the house wherever possible. And as a built-in mirror will last the lifetime of a house, the modern architect often prefers to include them in his plans rather than install them later, though installation is a comparatively simple matter even after the house is built.

Practically all mirrors are made of Plate Glass. And for brilliance, true vision and durability, mirrors made of American Plate Glass are unsurpassed. Built-in or detachable, they invariably represent a profitable investment in convenience, utility and in the most distinguished good taste.

Plate Glass Manufacturers of America.



Built-in or detachable, a mirror above the mantel is the focal point of any room. From photograph by M. E. HEWITT.



Built-in mirrors open up new vistas when skillfully designed to decorate as well as reflect. From photograph by M. E. HEWITT.

Advertisement

RUST-PROOFING THE PLUMBING

BY T. D'A. BROPHY



RICHARD H. DANA, JR., *Architect* © House & Garden.

* Anaconda Brass Pipe, with Brass fittings, for all the water supply lines of this house cost only $73.40 more, installed, than galvanized wrought iron pipe with malleable iron fittings—a small sum for complete freedom from the annoyance and expense of repairs and replacements caused by rust.



JOHNSON, KAUFMANN & COATE, *Architects* © House & Garden.

* An Additional investment of $86.72 over the cost of wrought iron pipe pays for Anaconda Brass Pipe. This increased cost is slightly less than ½ of one per cent of the building cost. Anaconda Brass Pipe assures a full flow of water, as pure as its source, from every faucet in the house.

IN opening its series of articles on the Four Ideal Smaller Homes, House and Garden remarks that "the moderately small house has been architecture's step-child."

If this be true, then certainly the small house is also the step-child of the plumbing contractor. For this is the class of building that piles up each year a tremendously high tax on the owner because of a too casual selection of water supply pipe.

In these four Ideal Smaller Homes, the architects have planned with a very direct eye toward convenience and comfort. Yet it hardly needs argument to prove the fallacy of hoping to maintain these conveniences without materials well suited for their work.

Above all, water supply pipe—the very backbone of the whole plumbing system—should be selected to give satisfactory service and last for as long a time as the other main constituent parts of the home.

Until the introduction of Brass Pipe into the field of building construction, first wood, then lead, and more recently steel and iron pipe were the water supply conductors commonly available. Within the past decade or so, steel and iron have been most widely used; and concurrently, the expense of maintaining water supply lines in usable condition increased by leaps and bounds. Careful estimates place this cost—a sheer waste of money and materials—at more than Sixty Million Dollars annually.

The chief destroyer of iron or steel plumbing pipe is rust. It discolors the water, clogs the pipe with a sponge-like growth that steadily reduces the flow, causes leaks and compels costly repairs and replacements. Brass Pipe cannot rust. Therefore, the use of Brass Pipe, such as Anaconda, is decidedly advisable.

A well-known architect has said that his experience proved the expense of ripping out rusted pipe

Advertisement

IN THE FOUR IDEAL SMALLER HOMES

and replacing it, to be from eight to ten times the cost of the pipe when new. In view of this, the slightly higher cost of an original installation of Anaconda Brass Pipe is more than offset by the long service it gives and its freedom from repair expenses.

As a rule, the cost of the pipe—the backbone of every installation of plumbing—is but 10% of the total plumbing cost. Yet pipe failures cause almost 100% of all plumbing troubles and expense. If but a single length of pipe fails, the whole installation is affected, and the item of make-good expense you must incur is not merely the price of the pipe but also the cost of labor plus the accompanying nuisance and inconvenience.

The added cost of Anaconda Brass Pipe increases the cost of the average plumbing installation by only about 6%. But since this increase is spread over the whole life of the building itself, it is true economy to pay for Brass in the beginning and so erase the item of plumbing upkeep from your budget.

In fine, there is every sound reason to include in your home water supply lines of substantial quality. The satisfactory service that Anaconda Brass Pipe gives and the economies effected by its use are fully explained in a most interesting way in a booklet published recently by The American Brass Company. The information in the booklet is of equal interest to Architect and Home-builder. On request, a copy of "Ten Years Hence" will be mailed to you.

The American Brass Company. General Offices: Waterbury, Conn. Sales Offices in principal Cities. In Canada, Anaconda American Brass Limited, New Toronto, Ontario.

Anaconda Brass Pipe is installed by leading Plumbing Contractors everywhere.

* (*Figures based on actual estimates, using material costs in effect November 21st, 1924, with a liberal allowance for profit and overhead. The cost of installing Anaconda Brass Pipe and iron or steel pipe is substantially the same.*)



Edmund B. Gilchrist, *Architect* © House & Garden.

* Here a rust-proof installation of Anaconda Brass Pipe increases the cost only $94.95 over wrought iron pipe. In other words, 53/100 of one per cent of the building cost represents the difference between the highest quality Brass Pipe and iron pipe.



Howell & Thomas, *Architects* © House & Garden.

* An economical plumbing layout brings the cost of Anaconda Brass Pipe to within $64.20 of that of galvanized wrought iron pipe. The replacement of a single length of rusted pipe, located in a wall or under a floor, would, in all probability, cost more than this.

Going to Build or Buy?

There are so many things to think about in buying or building a home. Will you remember *all* of them? One dollar for the Safeguard Policy—the infallible guide. It remembers everything—and some things you don't *know* about.

Make sure that the house you're going to call home is permanent, fire-safe, economical in upkeep, easy to heat and all that it should be in workmanship.

The Safeguard Policy

is a miniature encyclopedia on first class home construction. It emphasizes why certain details should be as described to reduce fire hazard, explains how to build to conserve heat in winter and keep cool in summer, and dwells on the points of workmanship that determine the real value, life and comfort of a home.

Standards for materials and workmanship are completely established by accurate descriptions and illustrations that anyone can understand. A questionnaire is included for those who are about to buy or sell, so that they may know or prove what a home *should* be and can measure the value of the one in question.

Another page is a construction chart, listing all parts of the house and the materials to use. Space is provided for builder and architect to *certify* that materials and workmanship are as described.

Thus, the Safeguard Policy *provides a means of proving value.*

In other words, the only document that has, heretofore, been considered essential is the deed. But that proves only title to the property.

It rivals the deed in importance. For with the deed *and* the Safeguard Policy you have a complete record of title and value.

Send $1.00 Today

and receive the Safeguard Policy. See that your architect, builder, and subcontractor follow Master House Standards. See that they register all materials, and describe character of workmanship. Thus you insure your home in both comfort and resale value.

Free Booklet

This attractive booklet gives you complete information about the Master House Bureau and the value of the Safeguard Policy.



Thousands welcome this

new

service to Home Owners

Your Home
—how *intimately* do you know it?

WHEN you build or buy a home, value is the very essence of the contract. And value depends upon quality of materials and the workmanship employed.

How can *you prove* they're there? How can *you* be sure that the house *you* build or buy is not one of those that will help swell the yearly loss of $51,000,000 in home fires alone?

How can you tell that it is not so built that it will be a feast for fire—possibly add *your* life to the 7500 that pay the toll every year for unsafe building?

Here is an infallible means of putting the home on the witness stand—the Safeguard Policy. It remembers everything that you should know—forgets nothing that you might overlook.

Send $1.00 today and receive the Safeguard Policy—the miniature encyclopedia on home building. Also be sure to get the attractive free booklet which describes both Bureau and Policy.

THE MASTER HOUSE BUREAU
INCORPORATED

An organization, supported by associations and manufacturers, impartially serving home owners in building permanent homes

The Master House Bureau, 2175 Cleveland Discount Bldg., Cleveland
☐ Enclosed please find $1.00 for Safeguard Policy and free descriptive booklet.
☐ Send free booklet describing Master House Bureau service and Policy.
Name _____ City and State _____
Street Address _____

2175 Cleveland Discount Building
Cleveland, Ohio

THIS WAY OF OIL HEATING ENDS ALL DOUBT

SCIENCE has found the right way to heat with oil. And proved it for five years. This way is radically different from the old-fashioned methods. It will interest you to see this oil burner that has solved the problem. You need know nothing of mechanics to understand it.

So far as nearly 20,000 present owners are concerned there is no heating problem. Their homes are always exactly the temperature they enjoy. They smell no fumes. They see no dirt or dust. They hear no unpleasant noise. They know that it is safe beyond question.

You, too, will have this experience when you heat your home this scientific way.



One right way to burn oil

Four new facts about oil burning were first used by our engineers six years ago. They are the now famous four natural laws. They explained the difficulties others were having in trying to burn oil.

So we built an oil burner in accordance with those laws. For five winters, now, Oil-O-Matic has answered every demand in thousands of homes, large and small.

When you buy an oil burner see that it agrees with these laws. If you follow them you cannot go wrong. Here they are:

The four famous laws

The first law says that oil must be broken up into a fine mist. All other ways violate this law!

After the oil is broken up, the second law demands that it be burned before it touches anything. Carbon and soot will surely result otherwise. So no plates, pots, chamber or any part of an oil burner should be inside your furnace or boiler.

According to the third law, the amount of air that is mixed with the oil must be exact. Naturally this cannot be left to someone's opening or closing a damper. The oil burner itself must measure the amount of air.

The fourth law is just as important. Oil cannot burn perfectly without reflected heat. So unless the firebox of your heating plant is lined with brick, it is impossible to get perfect combustion.

It is this way of burning oil that has made the use of fuel oil really successful for heating homes. It is the method found only in Oil-O-Matic.

WILLIAMS OIL-O-MATIC HEATING

Before You Build Get These Facts

Your new home may require a smaller and more economical heating plant with Oil-O-Matic.

Your heating plant may be placed in a more advantageous location.

You can save money by having a smaller basement excavation.

Our new illustrated book on modern heating covers the subject of new homes and has valuable architectural plans for ideal, practical basements. This book may save you hundreds of dollars. Write for it.

Note these exclusive features

There are other features that make Oil-O-Matic different from any other device that burns oil.

We originated and perfected five years ago the Williams Thermal Safety Control. It put an end to the open can designed to catch liquid fuel oil. It ended all worry about the oil not lighting or blowing out.

This positive device watches over your entire plant. Oil-O-Matic can't run at all, unless it runs right. Not a drop of oil can flow. The motor is stopped. Ignition is shut off. This control is the greatest advance in oil burner construction since our application of the four laws.

Listed as standard by the Underwriters' Laboratories

Of course there's no continuous pilot light. That is too wasteful of gas. It has no place on a modern oil burner.

Oil-O-Matic burns a cheap, low gravity oil instead of expensive kerosene and distillate. This gives you more heat units at a lower cost. There will always be an abundance of low-gravity oil.

So this perfected way, approved by leading combustion engineers, ends all doubt. Now no one need be without the comforts of oil heating. Oil-O-Matic can be installed in any good heating plant. Steam, hot water, vapor, hot air.

Sold on easy terms— Guaranteed

The men who install and service your Oil-O-Matic are all trained men. Most of them are graduates of the Williams Institute of Heat Research. They have experience, facilities, organization, and financial responsibility. They are backed by the largest producers of automatic oil burners in the world.

They will be glad to offer you terms if you want them. Our new deferred payment plan carries no interest on the notes.

Get the facts now. See it demonstrated. Send the coupon for a copy of "New Facts About Oil Heating." It will answer every question. After you read it you will never go back to coal.

C. U. WILLIAMS & SON
Main Office and Plant Bloomington, Illinois
Largest Producers of Automatic Oil Burners in the World
Dealers Everywhere

MAIL THIS FOR FREE BOOK!

C. U. WILLIAMS & SON, Bloomington, Ill. H-6-[illegible]

Please send me your free booklet, "New Facts About Oil Heating," giving full information about your Oil-O-Matic, and [illegible] payment plan for new homes.

Name .....

Address .....

Oil Heating Interested in [illegible] Hot Water Vapor Hot Air

It is to Your Profit

When you buy bonds to know that they are safe.

To be sure that the bonds you buy are safe, examine the record and the safeguards of your investment house.

The American Bond & Mortgage Company has stood the test of time for over 20 years. Its founders and senior officers have been active exclusively in the real estate investment field for near to half a century.



"Our Successful Record" is a detailed record of the First Mortgage Building Bonds sold by this company.

"The Formula of Safety" states in comprehensive language the many safeguards which surround the First Mortgage Bonds which we now offer for sale.



We will gladly send you copies of these booklets together with literature describing an attractive First Mortgage Bond issue yielding 6½%. Write today and ask for

Literature H. G. 168

AMERICAN BOND & MORTGAGE CO.

ESTABLISHED 1904 — INCORPORATED

AN OLD RESPONSIBLE HOUSE

127 North Dearborn Street, Chicago — 345 Madison Avenue, New York

Capital and Surplus over $5,000,000

Cleveland, Detroit, Boston, Philadelphia, and over twenty other cities





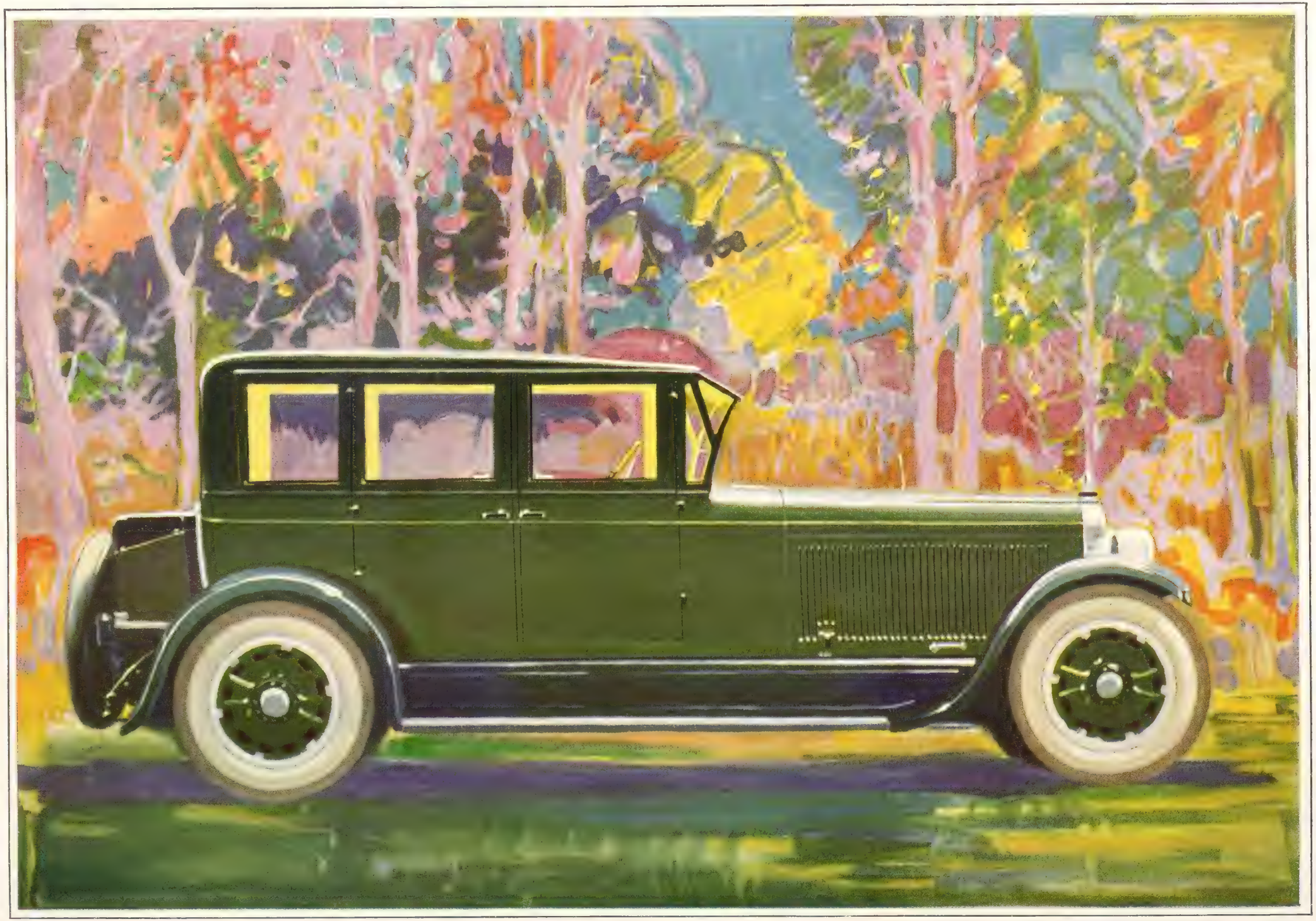
THOSE who know about such things, place Kohler Enameled Plumbing Ware in a rather special and exclusive class. They recognize in its correct and beautiful design, in its snowy purity of color, and in the superb refinement of its enamel, the quiet signs which distinguish the exceptional from the merely good.

And yet, your plumbing dealer will tell you that Kohler Ware costs no more than other ware of acceptable quality. . . . So, when you select plumbing fixtures for bathroom, kitchen, or laundry, look for the name "Kohler" unobtrusively fused into the enamel. Let us send you Booklet E.

Kohler Co., *Founded 1873*, Kohler, Wisconsin
Shipping Point, Sheboygan, Wisconsin
BRANCHES IN PRINCIPAL CITIES

KOHLER OF KOHLER

Enameled Plumbing Ware



The Great Jordan Line Eight Brougham



The public now knows no finer thing can be said of a fine car than the fact that it is equipped with

DéJon

Starting, Lighting and Ignition System

DEJON ELECTRIC CORPORATION
Builders Ignition Technique
POUGHKEEPSIE NEW YORK

Looks like tile but costs much less

Have you been wishing you could afford tiled walls for your kitchen, bathroom, lavatory or laundry?

You can have every advantage of tile—its gleaming, washable surface, its smooth and sanitary finish, its rock-like durability—at less than one-fourth the cost of tile.

All you have to do is use Sheetrock Tile Board.

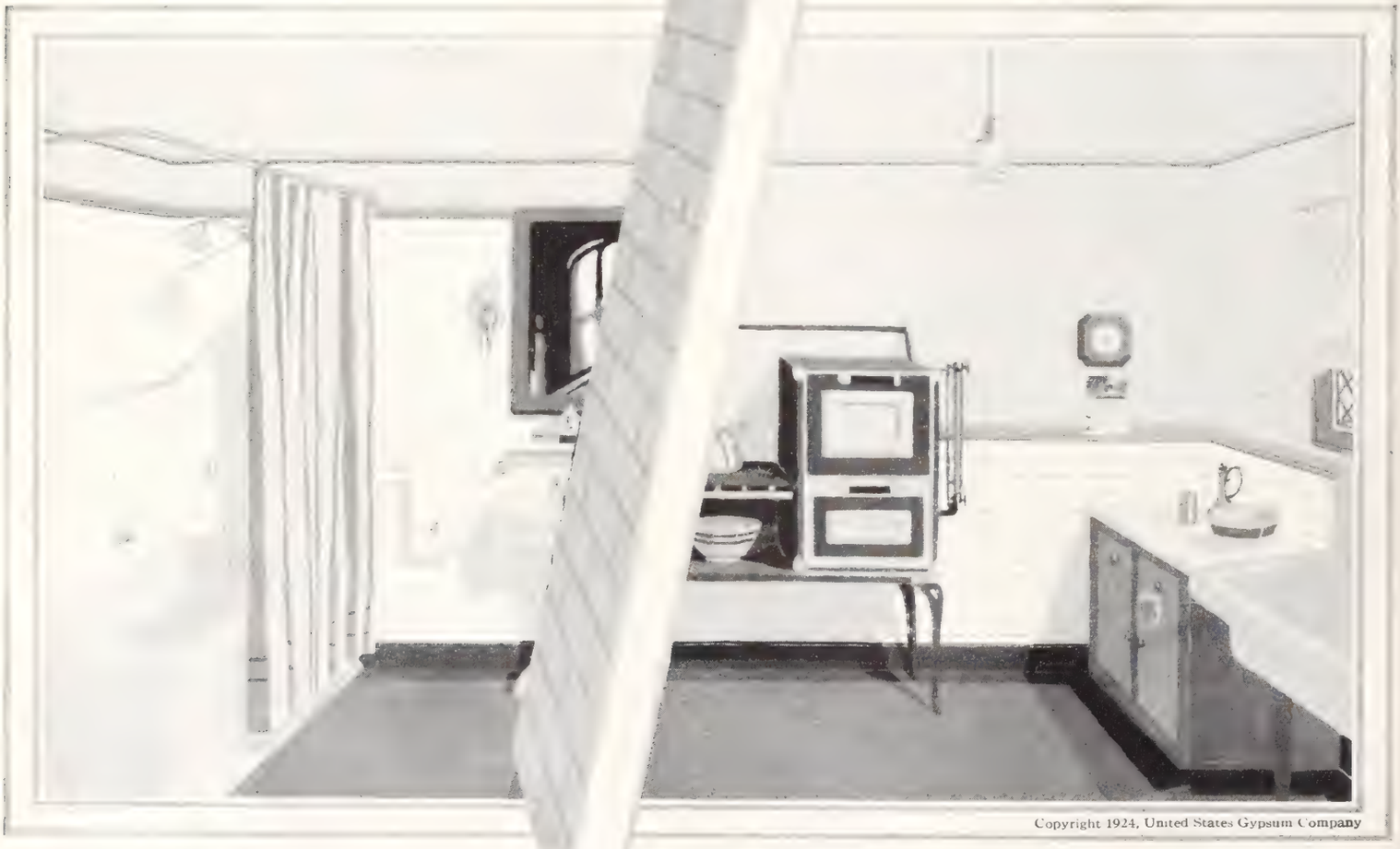
Sheetrock Tile Board is Sheetrock with a special surface, lined off to look exactly like genuine tile, and capable of taking a hard enamel, in either pure white or a wide variety of tints.

Once enameled, it can be washed repeatedly and so kept spotlessly clean. It is ideal wainscoting material for home rooms, hospitals, dairies, doctors' and dentists' offices, barber shops, restaurants.

Sheetrock Tile Board is just as easy to work with as Sheetrock itself. It, too, comes all ready for use, in most economical dimensions; saws and nails like lumber; just nail it to the studs or put it on right over old walls. *Durable, solid, non-warping.*

Your dealer in lumber or builders' supplies sells Sheetrock Tile Board — the only *fireproof* tile board. Any quantity you may need. Write us for free folder describing its easy, economical and satisfactory use.

UNITED STATES GYPSUM COMPANY
General Offices: 207 West Monroe Street, Chicago



Copyright 1924, United States Gypsum Company

SHEETROCK

The *FIREPROOF* WALLBOARD

Reg. U. S. Pat. Off.



Build with Pondosa—*the pick o' the pines*

FROM the Inland Empire of the Great Northwest, where the trees seem to grow a little taller and a little straighter, comes Pondosa Pine—sovereign of softwoods. Here is the all-purpose building material. It is light in weight, yet strong. It takes a beautiful finish and is economical to use. Every trade-marked stick of Pondosa Pine is rigidly *graded*, thoroughly *seasoned* and carefully *milled*. For sale by all good lumber dealers. Write for booklet. Address Dept. 10, Western Pine Manufacturers Association of Portland, Oregon.

Pondosa Pine

The Pick o' the Pines

IMPORTANCE OF FLOORS IN INTERIOR DECORATION

Artistry in selecting beautifully grained wood and in finishing in new tones to harmonize with the color scheme assures more attractive interiors.

MARY EDGINGTON WIDNEY

NOW that many leading decorators use floors as the key to their scheme of decoration, oak is playing a more important role than ever before. Because of its beauty of grain, excellent finishing qualities, and great durability, oak has always been the preferred wood for floors. But of late a new vogue has expressed itself that promises to give greater scope to the possibilities of the decorator.

By the use of two new tones with which oak can be finished, together with the natural or weathered finish, the various rooms of a home may be given more individual treatment. In many of the newer dwellings a natural finish is used in the library and living rooms. In the dining room the new soft gray finish is relied upon to lend greater charm to the furniture, drapes and wall tones. A very lovely "forest green," suggestive of whispering tree tops, has been found to be ideally suited to oak floors in the sun rooms.

The effect of floors in different tones is charming. Each adapts itself perfectly to the requirements of the particular scheme of interior decoration used in that room. This choice of finish now opens up an entirely new field in interior arrangement. A greater variety of wall tones and drapes may be used. Choice pieces of furniture take on new distinction. The beauty of rare floor coverings is enhanced.

The velvety lustre that oak takes, makes it admirably suited for use in all the principal rooms. Wide expanses of shimmeringly beautiful oak floors afford perspective. Even modest pieces of furniture show to better advantage. Wall tones, pictures and hangings indicate a finer taste. And above all there is a homelike atmosphere pervading each room.

Everyone with a keen appreciation of interior arrangement recognizes in oak floors beauty spots that enhance the charm of any room. It is these beauty spots in the home that are unfortunately overlooked by some people who do not realize that a properly finished oak floor lends tone to even the most modestly furnished room.



No home may be said to be really modern that lacks oak floors.

To give attention to your wall tones and the character and harmony of your appointments, to the exclusion of your floors, is to overlook the beauty spots that lend to every other phase of interior decorating the final touch of refinement.

You can easily bring infinitely greater charm to your own home. "Perfection" Oak Flooring will enhance the beauty of every piece of furniture. It will serve as a mellow ground color that will harmonize perfectly with your wall tones, and add distinction to your pictures and drapes. "Perfection" will remain beautiful for generations. It never needs replacement. It is a legacy that you may leave to your children's children, and it will be modern then.

Of course, the ideal time to consider the wisdom of "Perfection" Oak Floors, is when you are planning your home. Knowing how these floors become beauty spots of rare charm, you can better plan each step in the furnishing and decorating of your home. There is also a special thickness of "Perfection" Oak Flooring (3/8 of an inch) which is made to be laid over old floors, using the present floor as a foundation. With this, even those who failed to install oak floors when building, may do so now any time, at a cost that is actually less than the cost of sufficient good carpet to cover the space.

If you do not readily find a lumber dealer who carries "Perfection" Brand Oak Flooring write to us and we will advise you of the address of one who does. We would be pleased to send you a copy of our latest booklet "The Overlooked Beauty Spots in Your Home." A request will bring it by return post.

Arkansas Oak Flooring Co., Pine Bluff, Ark.



Beautiful waxed oak floors in this living room afford the proper setting for the luxurious pieces grouped about the fireplace.



"PERFECTION"

Brand Oak Flooring

ARKANSAS OAK FLOORING CO. PINE BLUFF, ARK. "PERFECTION" BRAND OAK FLOORING PERFECTION OAK FLOORING CO. INC. CLEVELAND, O.

Reg. U. S. Pat. Off.



Wide expanse of lustrous oak floors help to give an airy coolness to this dining room.



Your Home, Built of This Finer Siding, Will Be

Beautiful, Easier to Heat, Lasting!

WESTERN RED CEDAR laughs at rot. It is the wood of woods for all outside uses. It contains a natural oil that arms it against decay. Its free texture holds a multitude of air pockets which help keep out cold in winter and heat in summer.

Beauty and permanence are sure when Western Red Cedar is used. For the *finer* uses of siding it has no equal. It assures tight joints that "stay tight." It assures economy of upkeep. It assures a durable paint job.

The safest way to judge of the fitness of Western Red Cedar for your particular needs is to learn the facts about it now. Reliable information will be sent, gratis, if you will mail the attached coupon.

RED CEDAR LUMBER MANUFACTURERS' ASSOCIATION
4447 White Building Seattle, Washington

Western Red Cedar

"The Wood That Nature Armed Against Decay"



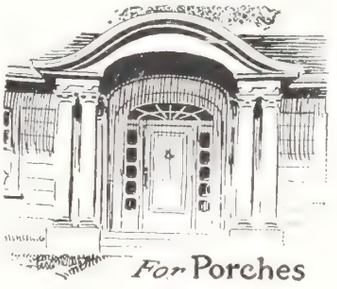
For **Exterior Trim**

Western Red Cedar resists rot, "stays put" and takes paint beautifully.



For **Pergolas**

Western Red Cedar's durability under weather exposure makes it almost ideal.



For **Porches**

Western Red Cedar holds its finish and lasts a lifetime.



For **Lattice**

Western Red Cedar is easily worked and neither shrinks nor rots.

MAIL IT NOW

Red Cedar Lbr. Mfgrs.' Assn.,
4447 White Bldg.,
Seattle, Wn.

Please send, without obligation to me, information and data about Western Red Cedar.

Name

St. and No.

City

State

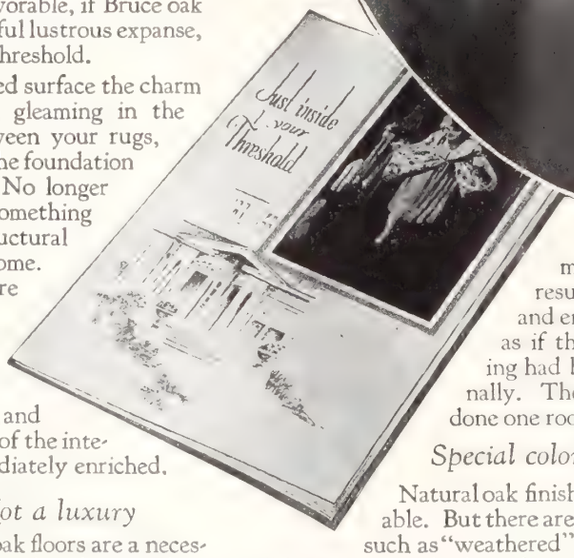
Just inside *your* Threshold



"When you asked me to see your new Bruce floors, I knew what a beautiful room this would be."

FIRST impressions are favorable, if Bruce oak floors display their beautiful lustrous expanse, as the visitor crosses your threshold.

Reflecting in their polished surface the charm of furniture and hangings, gleaming in the sunlight in the spaces between your rugs, they are in the truest sense the foundation of your room decoration. No longer need a floor be merely something to walk upon, or a mere structural detail in the building of a home. When Bruce oak strips are laid, in one of several grades and finishes suitable to the room, harmony is at once established, and the effect of the interior immediately enriched.





NATURE'S GIFT OF EVERLASTING BEAUTY

Not a luxury

Bruce oak floors are a necessity in a modern home. Their cost has been brought within reach of the most modest purse. There is no longer any excuse for the old-fashioned softwood floor with its dirt-catching and germ-laden carpet. Such floors required constant sweeping to keep them in a semblance of cleanliness. Now with Bruce flooring, housework is reduced to a minimum. As to cost, they are cheaper than softwood floors and carpets, when their greater durability and lasting value are considered.

What to consider in selecting floors

To select Bruce floors in perfect accord with the balance of your home you are offered considerable latitude. You may choose white or red oak, plain or quarter sawn, narrow or wide strips. Each has its characteristic effect, and interesting variety may be obtained by treating each room differently. Quarter sawn strips, because of their more striking beauty, add the final touch of elegance to the main living rooms of your home. Various patterns of design flooring, such as herringbone or basket weave, give further scope for the exercise of individual taste.

Oak over old floors

An old worn softwood floor makes a serviceable sub-floor, over which ⅜-inch oak strips may be laid. The result is as sound and enduring a floor, as if thicker oak flooring had been laid originally. The work may be done one room at a time.

Special color finishes

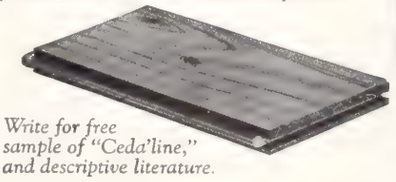
Natural oak finish is always suitable. But there are special shades, such as "weathered" or gray, which will harmonize with the color scheme adopted, and make each room individual and distinctive.

Let us tell you more about the convenience, economy, and beauty of Bruce oak flooring. Our new book "Just Inside Your Threshold" is a mine of valuable information. Sent to those interested in building or remodeling a home.

Address Service Department

E. L. BRUCE COMPANY, MEMPHIS, TENN.

Largest makers of oak flooring in the world
Sold nationally through retail lumber dealers everywhere



Write for free sample of "Ceda'line," and descriptive literature.



Bruce "Ceda'line" can be installed in a few hours by any carpenter. Modern ceda'lined closets will be an important factor in the value of your home, when you come to sell.

Eliminating Moth Worries



This interesting folder on the advantages of "Ceda'line," free on request.

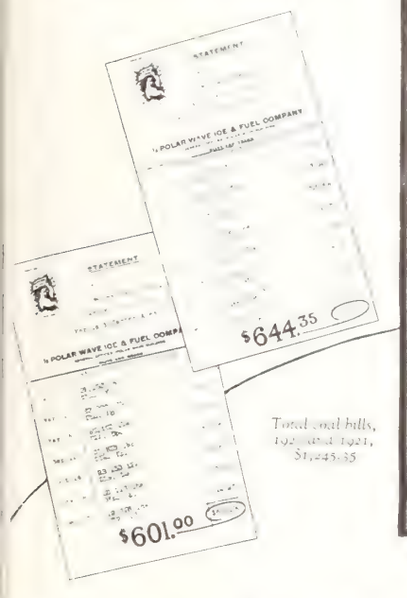
"Ceda'lined" clothes closets provide a place where your garments can hang on regular hangers, and still be protected from moths and dust. Superior to cedar chests because clothes are not mussed, and may be easily found and removed.

Bruce "Ceda'line" strips are made from Tennessee aromatic red cedar, and retain an odor repellent to moths. Strips may be laid over lath and plaster in an old home, or will take the place of lath and plaster in new construction at about the same cost.

Your nearest lumber dealer will gladly give you a quotation on the amount required to line your closets.

St. Engelbert's Coal Bills

Without Monarch Strips

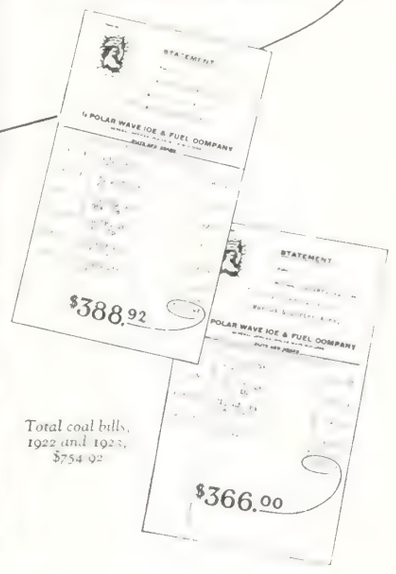


Total coal bills, 1921 and 1921, $1,245.35



St. Engelbert's Parish House at Carrer and Marcus Avenues, St. Louis. Monarch Metal Weather Strips installed by W. J. Mostaik, Monarch Licensee, 4800 Delmar Boulevard, St. Louis.

With Monarch Strips



Total coal bills, 1922 and 1923, $754.92

Cut $490.43 First Two Years

By Investment of $255 in Monarch Metal Weather Strips

In 1920 the coal bill for St. Engelbert's parish house, church and school reached the staggering total of $644.35. In 1921, the coal bill was but little less—$601.00.

But in 1922, Monarch Interlocking Metal Weather Strips went on the 41 windows and 7 doors of the 15-room parish house—and that year the coal bill dropped to $388.92. And in 1923 the total amount spent for coal was but $366.00!

$490.43 Saved in 2 Years—an average of $5.11 per opening per year

In two short years Monarch Strips had saved $490.43 worth of coal for St. Engelbert's! And each year hence, as long as this house lasts, they will continue to pay the pastor of St. Engelbert's a handsome profit on his investment.

Multiply the saving per opening in the house of St. Engelbert's pastor by the number of windows and doors in *your* house, and deduct from last year's coal bill. The result will show the yearly fuel saving Monarch Strips will effect for you.

How Monarch Strips Save Fuel

There is at least a ⅛-inch crack around every window in *your* house, just as in the house of St. Engelbert's pastor. This ⅛-inch crack around and across the middle of a 3x6-foot double-hung window is 21 feet long—equal to a 5x6-inch hole, or 30 square inches. Cold air filters in thru that crack, and your money-made heat leaks out.

Monarch Interlocking Metal Weather Strips No. 400 are the only strips which will effectively control this crack and cut coal bills. *No other strips can.*

Even with tongue-and-groove (rib) type strips on your windows, you must burn at least *473 pounds of coal per window per year to maintain an inside temperature of 70° with the outside temperature at zero.

With Monarch Strips No. 400 on your windows, *296 pounds of coal per window per year will easily supply abundant heat to maintain an inside temperature of 70°, regardless of outside weather conditions. This is a saving of at least 177 pounds of coal per window per year—every year as long as your house lasts. For Monarch Strips not only last as long as the house itself, but always work as well as new.

Send Coupon for Free Booklet

At the bottom of this page is a coupon which will bring you, free, a copy of our new booklet, "Only ⅛ of an Inch." This booklet tells why weather strips are necessary on every house—why old-style tongue-and-groove (rib) type strips are a wasteful extravagance—and why Monarch Interlocking Metal Weather Strips, the scientifically modern type, alone control air leakage thru windows and doors, and save fuel. Clip, fill in and mail the coupon—NOW.

* *Based on 3x6-foot double-hung window, which is the average*

MONARCH METAL PRODUCTS CO.
4920 Penrose St. St. Louis, Mo.
Representatives in All Principal Cities

MONARCH
METAL WEATHER STRIPS

Interlocking Type No. 400—Standard Control of Air Infiltration (leaky windows and doors)



Mail

Monarch Metal Products Co.
4920 Penrose St., St. Louis, Mo.
Please send me free [illegible] booklet, "Only ⅛ of an Inch."

Name .....

Address .....



Construction—Stucco over Hollow Tile. Built at Birmingham, Alabama, in 1922
Cost complete $30,000.00

HOMES OF INDIVIDUALITY AND BEAUTY

ABILITY to give freest expression to individual taste, to individual need, to artistic beauty in line and treatment, together with age-defying permanency, is inherent in Hollow Tile construction.

The remarkable savings effected through the use of this modern, preferred building material apply proportionately to large or small residences. For small homes the cost of Hollow Tile construction is surprisingly low, often less than common inflammable construction.

Besides it has high fire resistance. Carries low insurance rate. Walls of Hollow Tile will not sag, warp, crack, or decay, thus investment value is maintained. Upkeep is held at a minimum, for there are no costly repairs or replacements. Painting is for trim only. Add to these the fuel saving due to the superior insulation of Hollow Tile against cold and moisture. It also bars out summer's heat and promotes healthful sanitary conditions.

Hollow Tile

The Most Economical Form of Permanent Construction

Hollow Tile construction is simple and easy. The large units of tile permit definite savings in labor, mortar and speed of construction. Walls are of a strength sufficient to bear ten times the load required in a residence.

Whether you are building a residence or a structure for any other purpose, you should without fail secure first hand knowledge of the adaptability and price supremacy of Hollow Tile.

Hollow Building Tile Association

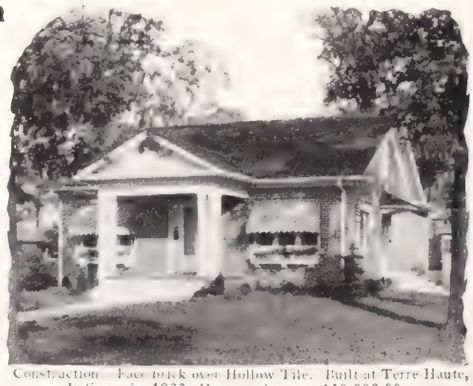
14th Floor Conway Building

Chicago, Illinois

A book of Hollow Tile Residences both low and high in cost are shown together with authoritative articles on decoration of home and grounds. Price 25 cents, sent postpaid



Construction—Face Tile. Built at Ames, Iowa, in 1922.
Cost about $7,500.00



Construction—Face brick over Hollow Tile. Built at Terre Haute, Indiana, in 1923. House and garage $10,000.00

HERE ARE SOME TYPICAL EXAMPLES OF CURTIS WOODWORK

Every window has two sides

Whether you are on the outside looking in or on the inside looking out, there is romance in a window. Through it one may see the spirit of a home. Through it filter golden rays of sunshine which brighten the hours of peaceful hominess. From it, at night, shaded mellow beams pierce the outside blackness, radiating the warmth and sweetness of home.

There is a practical side too. Closed, it protects from the elements. Open, it lets in life-giving oxygen and freshness.

In making windows Curtis has developed a method which makes them perfect. You can get some idea of the beauty in the proportions of this Curtis window and in the charming shutters which are not only decorative, but most practical.

Curtis windows fit in their frames without a flaw. They won't rattle or stick or leak because of special construction which the Curtis dealer will point out to you. In correspondence refer to C-1025.



Curtis window Number C-1025 in the home of Mr. Charles E. Sammis, Jr., Westneck Avenue, Huntington, Long Island.

WE WENT to the homes of people living in different parts of the country and took photographs so that you could see examples of what Curtis Woodwork is like. We want you to see how well made it looks. Everything that is Curtis-Made has a solid appearance, because it is made with generous proportions and extreme care.

Curtis has a way of making their woodwork *extraordinarily* well, even to the smallest detail. For example, everything is fitted together, mortised or dovetailed or wedged so that it is like one solid piece of wood. It will last permanently. Some of their methods are exclusive. And they go to such extremes of care that on finished items of woodwork such as cabinetwork, doors and sash, there is never an evidence of a knot and even the graining of the wood matches. It is beautiful handicraft.

Curtis Woodwork is reasonable in price and costs you less than you would ordinarily pay for the same quality of woodwork made in small quantities by a smaller organization. There is a difference in woodwork just as there is a difference in furniture or clothing. You can secure Curtis Woodwork east of the Rockies through Curtis dealers only.

The Curtis dealer will show you plan books which will be helpful to you in building or remodeling; or send us 50c, stating the number of rooms desired, and book will be mailed to you.



The Front Door

A Colonial entrance made by Curtis and recently photographed at the home of Spencer Young, 119 Woolsey Avenue, Huntington, Long Island. The door is one of those pure Colonial designs with six panels of unusual thickness. Price on entrance C-105 including door C-220 averages $49.70. Trellis not included.



The center of the family circle

This Curtis mantel was photographed in a home near New York City. It is a Colonial, authentic in every detail and of solid construction.

If you will see the exhibit of Curtis mantels at the Curtis dealers you will be impressed by the studied beauty and special refinement of the various designs. Refer to Mantel C-617 in correspondence. Prices on mantels start at $22.50.



Beauty in a Kitchen

This kitchen is in a new home in Sterling, Illinois. The built-in ironing board shown here with door removed is a Curtis model of typical Curtis construction. Any kitchen can have this feature added at small cost. The doors here and the kitchen dresser are also Curtis Woodwork. Notice the look of permanence about this woodwork. You will see why it looks so good when the Curtis dealer shows you the thorough workmanship and the conveniences that will serve a lifetime. This kitchen dresser is made up of three standard units. Ask the dealer to explain other possible combinations.

THE CURTIS COMPANIES SERVICE BUREAU
329 Curtis Building, Clinton, Iowa
Curtis Companies, Incorporated, Clinton, Iowa
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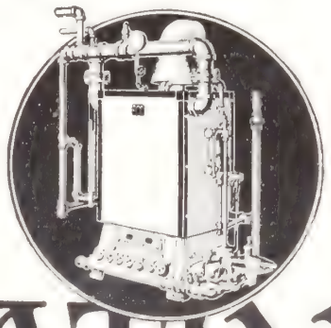
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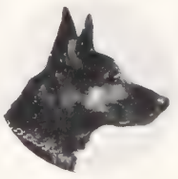
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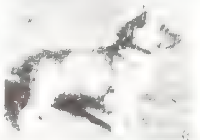
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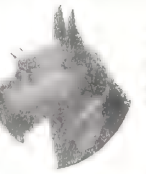


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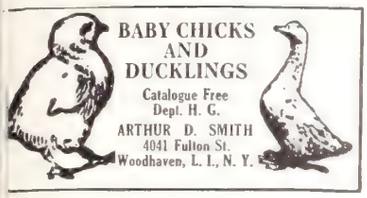
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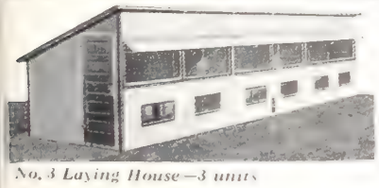
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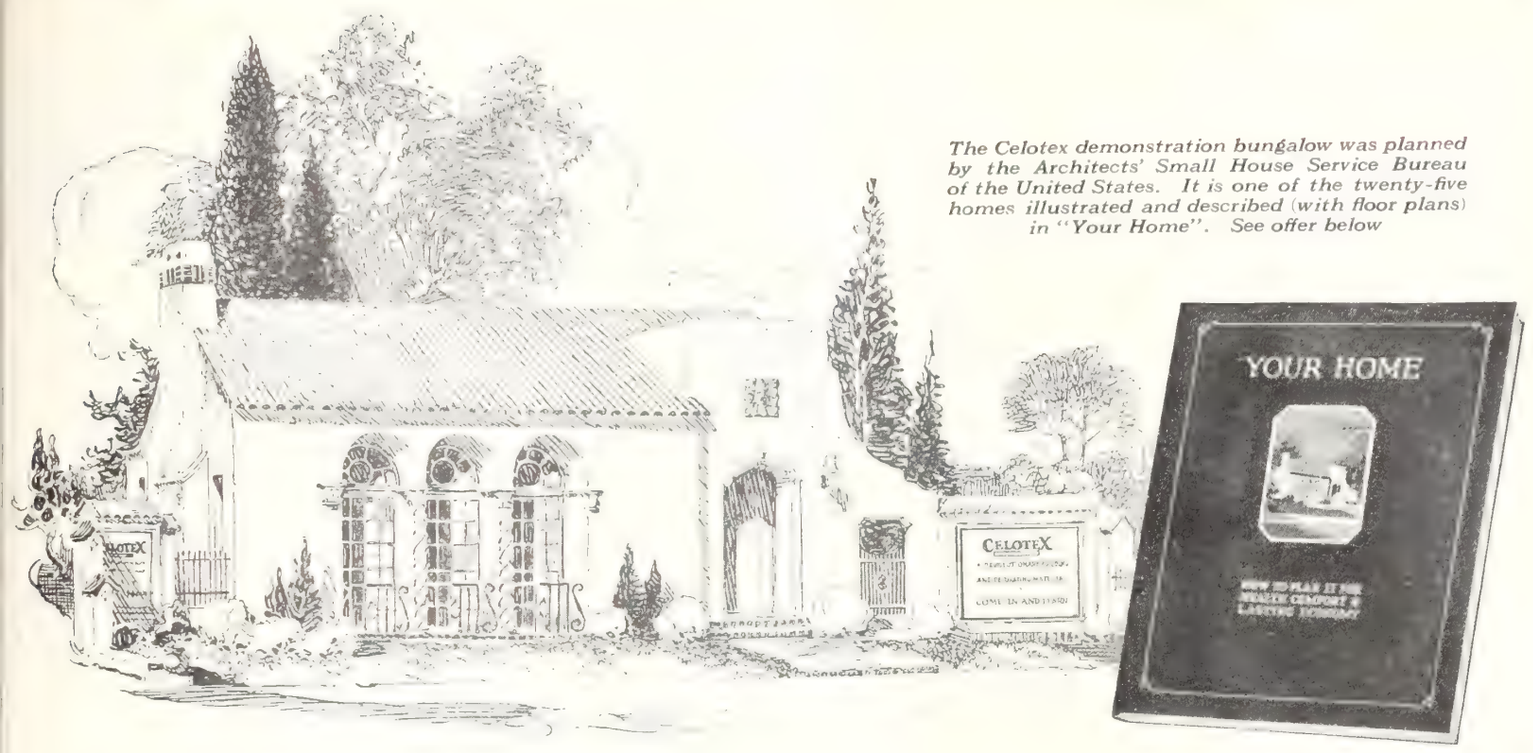


Archt. Geo B. Rheinfrank, Toledo, Ohio, on this residence for S. J. Eckenrode, Jackson, Mich., used one tone of green for the "CREO-DIPT" Thatch Roof and a silvery shade of gray in long 24-inch "CREO-DIPT" Stained Shingles for sidewalls.

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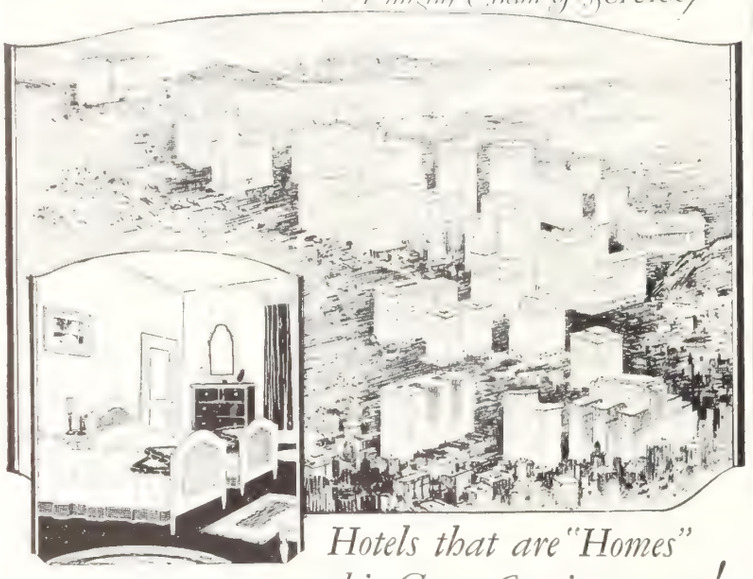
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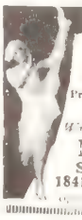
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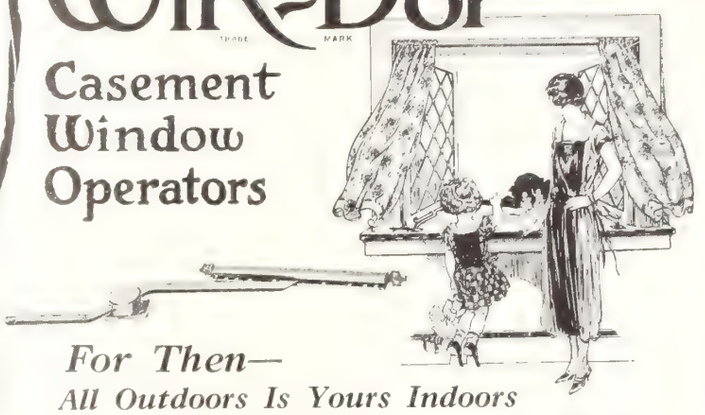
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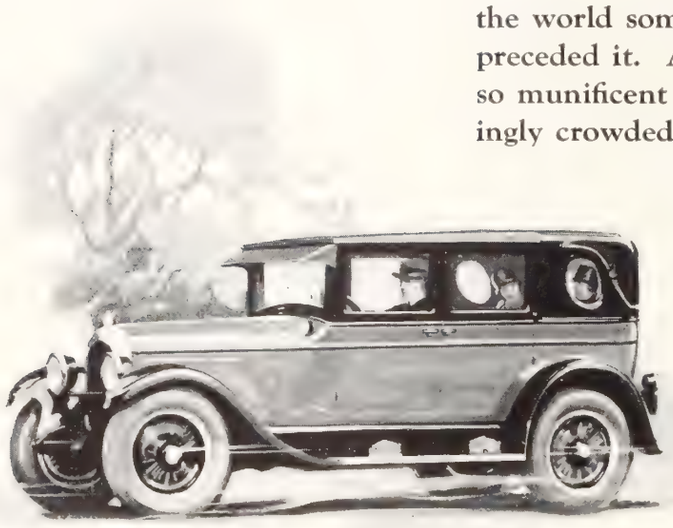
And, if you wish, VOGUE will supply you with a shopping guide, an interpreter; send you a beauty specialist, a French teacher, a dancing master; find a school for your daughter; make hotel, railway or steamship reservations and buy the tickets; give you special introductions that will secure you special privileges; and, in short, act as an experienced friend, familiar with the language and the ways of the country, and eager to make your stay as pleasant as possible.

Say to the taxi driver, "Numéro deux, rue Edouard Sept"; say to the doorman

VOGUE

How Chrysler Sweeps All Tradition Aside

No one need fear that he will not be rewarded who gives to the world something distinctively superior to that which has preceded it. And *nowhere* is recognition so swift and reward so munificent as in America. Chrysler Six came into a seemingly crowded motor car market and almost immediately swept its way into unprecedented acceptance as a quality product. That which ordinarily takes years to achieve was won almost over-night. Why? Because the Chrysler brushed aside outworn traditions in engineering, in design, and in performance, and gave to the world advantages it could *instantly see* and *feel* and *experience*. It squarely confronted problems of height and weight and size, solving them according to the crying needs of the moment rather than the needs of five years ago. It brought to bear both scientific exactness *and* artistry—endeavoring to embody in the new car elements of grace and elegance no one else had attained. It approached the question of motor dimensions, power, acceleration, and riding ease untrammeled by old machines, dies, tools and fixtures—free to devise the ideally best and then provide the means to produce the finished product. For months and months before the shop equipment was complete, Chrysler cars were proving that the new ideal was sound and practical. Then came this superb equipment, doing things no shop had done before, getting qualities into the Chrysler car deemed impossible before and still impossible under the old methods. That is why the Chrysler has taken the country by storm—why it still stands and will long stand alone—why if you want what the Chrysler gives, the Chrysler alone can satisfy you.



The Touring Car, $1395; The Phaeton, $1495; The Roadster, $1625; The Sedan, $1825; The Brougham, $1965; The Imperial, $2065; The Crown-Imperial, $2195; The Royal Coupe, $1895. All prices f. o. b. Detroit subject to current government tax.

CHRYSLER MOTOR CORPORATION, DETROIT, MICH.
Division of Maxwell Motor Corporation
MAXWELL-CHRYSLER MOTOR COMPANY OF CANADA, LTD. WINDSOR, ONT.

CHRYSLER SIX

House & Garden



The hallway of a country house, appearing in the February Furniture Number

EVERY now and then someone sighs over the fact that we have no one type of domestic architecture in this country to which we can point and say, "That is distinctly America." Our profligate use of wood in the construction of our houses may be American, but, in general, the style with which we use that wood is inherited from older people. Even the adobe and native California types of houses are reflections of what once was built in Spain and around the Mediterranean.

Take this Building Number of HOUSE & GARDEN, for example. It shows in one way or another the exteriors of eighteen houses. Not a one but can trace its style back to ancestors in an older country. From the Classic Revival style of Mimosa Hall to the modern interpretation of Mr. Harrie Lindeberg, from the little Tudor house in New Jersey to the cottage designs that illustrate the article on painting the house, each of these is an adaptation of a style found in some other country.

It would be easy to object to this, easy to swell the patriotic breast and demand a purely American type of architecture. But why? Into the melting pot that is America have been cast not only human types, but the ideas of beauty that these human types brought with them. The result is a mixture of adaptations from many lands. The weaknesses of the old have been killed out and the better elements survive. We need not be ashamed of our heritages or of the finished product.

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Architecture is an expression of many forces—religion, customs, climate. In this country we have all kinds of religions, all kinds of customs, all kinds of climates. One style of architecture would be inadequate to express them all. We require many styles. The domestic architecture of the south of France is as different from that in the north as a house on the Sussex Downs of England differs from a house on the Scotch countryside, as different as a Cape Cod cottage is from an adobe house in Santa Fé.

It is an encouraging sign that so much good architecture is to be found in so many sections of this country. It means that people are becoming aware of the necessity for houses designed in good taste. This country may have its dark spots, but the light is penetrating. Architectural taste is becoming a new standard by which to reckon values. How has this come about? Financial prosperity alone did not bring it. Nor the expansion of popular education. It has been brought about by just such magazines as HOUSE & GARDEN, which, setting high standards of taste, have insisted on those standards; which have given their readers not merely what they wanted but better than they wanted, better than many of them dreamed existed.

If you want to see how these standards are maintained, all you have to do is to walk to the nearest newsstand, place the small sum of thirty-five cents in the dealer's hand, and ask for HOUSE & GARDEN.

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THE EDWARD N. RIDDLE COMPANY, TOLEDO, OHIO

The HOUSE & GARDEN BULLETIN BOARD



IF EDITING this magazine were like those cross-word puzzles to which we are addicted, life would be fairly simple. If it had to read correctly in only two directions, we would face the next twelve months without the slightest sign of perturbation. But it has to read correctly in a dozen different ways—and that is what keeps us so infernally alert. Were HOUSE & GARDEN to be known merely as the magazine par excellence for home builders, it would be easy to keep its reputation; or for gardening, or even for decoration. But each month we must read correctly, authoritatively and interestingly in a different direction. Having surveyed the Christmas shops in December, we now present a big January building number. Interest in that scarcely subsided, when we offer you February and furniture.

YOU begin this February Furniture Number by walking into a pleasant hallway, a hallway reminiscent of a Dutch interior, although it really is in Massachusetts. Then you turn to a study of the kinds of backgrounds to give different kinds of furniture. So many people ask us about this that we are trying to answer all of them in this article. Desks are next considered, new desks, reproductions of old types, little desks and big desks. Further along you come to day beds, to little tables, to balanced groups of furniture, to upholstery fabrics. The Shops pages will show small-scale furniture for little rooms—the sort of rooms you find in the average apartment. You will also read of the Colonial furniture of old Mexico—quite different from our Colonial furniture. The Portfolio will show a smartly decorated country house that the mistress did herself after reading HOUSE & GARDEN. There is promised an article on footstools, and one on fabrics in decoration, and one on disguising a collection of antiques so that your house doesn't look too much like a museum.

So much for reading correctly in one direction.

FEBRUARY sees the beginning of a series of articles on Rock Gardening by Louise Beebe Wilder. Mrs. Wilder is nationally known for her work in rock gardens and she will write exclusively for HOUSE & GARDEN on this subject. Mr. Wilson will also contribute and there will be shown another of the Ideal Smaller Homes Gardens. J. Horace McFarland writes on Polyantha Roses. In the Group of Gardens you find the famous Ferrall Garden at La Grange, Georgia. These comprise our reading correctly in another direction.

An interesting estate group and a building article will give us another direction and Miss Peyser's contribution will afford still another.

ON pages 71, 72, 73 of this issue you will find the story of the Sing Sing Rose garden. This work, to which readers of HOUSE & GARDEN have so generously contributed, is now an accomplished fact. We believe that what has been started at Sing Sing can be copied in other prisons. Along the Pacific Coast the prison gardens are both well planted and well maintained, but there are scores of others in which the good work can be started. We recommend the idea to garden clubs as a form of desirable activity. Get to work on the prison in your state and in your county.

We do not expect any great revolution in penology to come from the publication of this story—and yet you never can tell. Big moments have been stimulated from even such small beginnings. Beccaria's "Crimes and Punishments" started the humanitarian movement in the administration of justice and criminal punishment, and Dunant's "Battle of Solferino" led to the formation of the International Red Cross. Both of these were little books.

Apropos of this subject, did you ever realize that jails were originally called Penitentiaries? The prisoners were penitents cared for by religious who kept a voluntary monastic rule of silence, poverty, celibacy and obedience. Now they are called Prisons, the silence, poverty, celibacy and obedience are all involuntary and the penitents are few and far between.

GOING over "Poems from Punch" the other night we found these delectable lines by P. R. Chalmers—

COTTAGE GARDEN PRAYER

Little garden gods,
You of good bestowing,
You of kindly showing
Mid the potting and the pods,
Watchers of Geranium beds,
Pinks and Stocks and such like orders,
Rose, and sleepy Poppy-heads,—
Bless us in our borders,
Little garden gods!

Little garden gods,
Bless the time of sowing,
Watering and growing;
Lastly, when our Sunflower nods,
And our rambler's red array
Waits the honey-bee his labors,
Bless our garden that it may
Beat our next-door neighbor's,
Little garden gods!

ALMOST invariably persons interested in the decorative art who come to us from France and Germany comment on the fact that Americans are not accepting the modernist taste in furniture and decoration. They criticize us because we wear modern clothes and decorate our homes in the primitive style of our Colonial ancestors, have well equipped modern bathrooms and are happy with copies of Louis XVIth in bedrooms. They can't understand this incongruity; and we, for our part, can't understand what their modernistic decorators and color mixers and furniture designers are driving at. When we contemplate some of the bedlams of color and tortuous contours that they call modern we are inclined to agree with the gentleman in the ballad who spoke of the

homes of the Russ
Which would not do for us.

OLD DOC LEMMON SAYS—

"WAL, she's come! Ye c'n laugh much 's ye've mind to 'bout country ways o' tellin' the weather aforehand—this year we hit it right. The old gander's wingbone said as how winter was goin' to shut down good, an' she's shut, by jing!

"Warn't no foolin' 'bout it, once she made up her mind. A bitter cold, clear day that begun to haze over a mite 'long around noon-time an' was solid gray by three o'clock. When I went out to milk the cows in the dusk I felt jus' a faint leetle drift of air out o' the north—an' it bit plumb through me.

"'Better git out them gum boots o' mine,' I told Elviry, comin' in ag'in. 'Goin' to snow!'

"Eight o'clock come, then nine. The winderpanes was all frost, but when I opened the door to let ol' Pete in fer the night I see the fust flakes fallin' slow, easy, like they warn't no hurry. By midnight she was a-snortin', an' she kep' it up fer two days.

"Three foot o' snow on the level an' six b'low zero. Yep, the ol' wingbone had it right ag'in!"

THE last few months of 1924 saw a heavy mortality among men who labored to enrich our gardens. Bertrand H. Farr, Frank N. Presby, the Iris fancier, Henry S. Cooper, who devoted his time to peonies—these men are no longer with us. All of them began as amateurs and, growing so absorbed in their hobby, forsook other pursuits that they might devote their time to their flowers. They have laid down torches—but where are the younger men to take them up?



J. Walter Collinge

SUN-KISSED ARCHITECTURE

It is interesting to note the important part played by shades and shadows in the architecture of a sunny climate. Here, in this Santa Barbara house, plain white plaster walls, deep, flaring reveals, stark stairways, and the varied play of lights, make a splendid composition. George Washington Smith, architect



REVIVING THE GREEK REVIVAL

An 1840 Example in Georgia of this Dignified Style which Suggests One Splendid Type of Design for Modern Houses

RICHARD H. PRATT

RATHER early in the 19th century, before the country had gone Gothic, the glory that was Greece was made to glow in American architecture. There was no genius then great enough to fan it into flame, but the movement flourished, and before it died it had left its mark in many buildings of calm and noble beauty. It was a curious revival. It came suddenly, lasted for perhaps thirty years, then, about 1840, vanished. For all the effect it had upon the houses of the period the Renaissance might never have existed nor the country already been clustered with Georgian houses that now seem to us irresistibly lovely. This revival was a return to undiluted classicism. Nothing since the Greek temples was allowed to influence its development.

So houses began to resemble Greek temples. Roughly speaking, the difference between the good and bad houses of the period was the difference between simplicity and plainness, between good proportions and mean. There was made no particular attempt to develop a vernacular, to translate the dignified Greek manner into an architectural style that would fit in with the customs and character of the fresh young Republic; but somehow this lack of adjustment failed to matter. Surprising as it may seem the antique tradition settled snugly into the new situation. It may have seemed a little strange to live in a house that looked like a Greek temple, even though it were built on a smaller scale and planned for domestic existence; but if one had never seen a Greek temple, and if these houses were livable and looked well in the landscape, even that discrepancy could scarcely make a difference.

From Maine to Florida houses still stand which were done then in this style. The further north they are found the more modest they are in size and appearance. Through Connecticut and upper New York there must be many that measure less than thirty feet along their greatest dimension. The walled-in part of the houses was generally made square, the boxiness of this shape being relieved by a portico extending from the front—a four-columned affair, mostly, that rose from the first floor to the roof. The directness of this type of design and the simplicity of its construction were no doubt great factors in its popularity. Of course, many of the houses were hopelessly bad, but given a book of Classic examples (Stuart's *Antiquities of Athens* was a favorite source of inspiration) almost any good carpenter with ingenuity and taste could put up a house that actually gave forth a faint fragrance of architecture's most perfect period.

While the houses of this era in the North show how admirably at times the pure Classic style can be adapted to smaller dwellings, it was in the South that its dignity and suggestion of grandeur were particularly appealing. There, on the great plantations, landowners lived an almost regal existence, and they saw in these imposing porticoes something that suited the splendor of their situation. Also, in the South the single feature of the houses, which was sometimes a disadvantage in the North, namely, the portico, with its tendency to shade the front of the house and darken the rooms opening under it, became a very happy device, for shade there was not a handicap to comfort. So both appearance and utility were served, and the Greek Revival found a happy home.



In the dining room at Mimosa Hall an appropriate treatment for the period of the place has been achieved by this Empire table and chairs under a framed panel of Cupid and Psyche paper from Lafitte



Tebbs & Knell

From the garden side the house seems to nestle comfortably in a deep and luxuriant setting. Vine-clad and mellow with age its dignified form shows no trace of austerity

A garden has been made on a level space below the house level at the rear. Box-lined paths connect it with the building and broad stone steps make an easy descent





The richly colored marble mantel in the living room, its mirror, clock and ornaments, are, like the furniture, typical of the Empire taste which came with the Greek Revival

The house shown here, Mimosa Hall, at Roswell, near Atlanta, Georgia, is a splendid example of the period. It shows a most sympathetic handling of the Attic idea in terms of an American country home. Its formality has been so softened by the surrounding foliage, and the arrange-



Teufer & Kuc

The air of dignity and calm in this great porte-c, with its fine Doric shafts and simple cornice is an argument for a revival of the Greek Revival. Neel Reid, owner

The garden, only recently completed, has two panels in knots and parterres and a central section, brick-paved, marked by a long narrow pool between beds of Irises



The entrance hall is in keeping with the scheme of decoration found elsewhere in the house. A panel of Lafitte paper framed above an Empire chest holding two alabaster figurines



ment inside and out has been so ably carried out for comfortable living, that the whole flavor of the building is one of belonging to its place and purpose. No house, in any style, can do more, and that a house of the Greek Revival should achieve this so beautifully is a temptation to bring the style to life again.



M.H. Studios

Viewed from the highway the house presents a finely balanced façade; superimposed clusters of three windows each in the center and well sized, interesting doorways at each end, all set in a surface of roughly textured, warm toned stucco under a strip of coral colored tile roof





At one side of the tile paved patio a fireplace, sporting a brilliant overmantel medallion, has been built

From the hills beyond the house a stream flows down a cascade into an arched, tile bordered grotto, thence into a pool below



The entrance doorway has a fine, decorated plaster reveal, while the door itself is beautifully battened in typical Spanish design

A HOUSE IN HOLLYWOOD

STILES O. CLEMENTS

Architect





The driveway curves up to the house from the highway between an evergreen hedge on one side and banks of Roses and other flowering shrubs on the other

The first floor plan shows the main part of the house erected to the entrance, living room and study, and wing apiece for

THE BURNING BUSH

Extending Fire Protection to Our Forests is a Federal And State Problem That All Good Citizens Should Support

MOSES, it seems, is the only man on record who saw a bush burn with fire and the bush was not consumed.

The glorious autumn just past has seen an amazing number of bushes afire and consumed. It has been one of the most tragic in the history of our eastern forests. For over a month not a drop of rain visited the parched land. The leaves fell and dried into tinder. A spark—and the forest was alight.

It would be difficult to estimate the value of the timber consumed in these conflagrations; the next generation—and perhaps ours also—will foot the bill. A few more such seasons, and the lumber shortage will become acute. Then, doubtless, amiable citizens will struggle in their efforts to do something about it. Meantime people who aren't so satisfied are struggling to see that these timber losses by fire are held down. They are trying to control the cause of such fires, they are working to have burnt-over areas replanted and, in some measure, to compensate for the timber loss.

JANUARY marks the fiftieth anniversary of the founding of the American Forestry Association. This association is composed of forward-thinking citizens who appreciate the value of our forests and their vast yearly destruction by fire. Due to efforts of this society Congress last year authorized the expenditure by the Federal Government of $2,500,000 for fire protection, provided the amounts allotted to the different states be matched dollar for dollar by the states themselves. Since a large number of the states have failed to develop fire protection organizations sufficient to qualify under the law, it is estimated that less than a million dollars of this fund will be appropriated by the Government.

This sounds rather appalling. And it is appalling. Many of our states are evidently under the impression that Moses was not the only person who saw a bush burn with fire and yet not be consumed.

AT the present writing the following states are without forestry departments—Arizona, Florida, Georgia, Mississippi, Nevada, New Mexico, Oklahoma, South Carolina, South Dakota, Utah and Wyoming.

In some of these western states the great amount of national forest land within their borders is probably the reason for the lack of state organization, although none of them are lacking in a distinct need for a type of state forestry department for the enforcement of fire protection laws and the co-operation with federal forces in the prevention and control of forest fires.

The middle western group, including Nebraska, Missouri, South Dakota, probably lack interest on account of their comparatively small forest area. However, they have, in addition to the need for a fire protection system, the need for an agency for the promotion of reforestation of idle lands. Oklahoma, while not generally considered a middle western state, has a similar situation.

The five southern states, Arkansas, Mississippi, Georgia, South Carolina, and Florida, are all heavily timbered and have large areas of idle land. In fact, more than eleven percent of the total area of these states is now idle and cut-over land which is not being satisfactorily restocked. This area is being added to continually by a heavy cut of timber which increases every year in volume. There is no provision for fire protection or reforestation. The present course of these states in handling their timber lands greatly curtails the chance for sound economic development of the region. Forest industries which are great employers of labor and producers of local wealth simply move out when the forests are exhausted.

THE stimulating of such forestry protection statutes is one of the works of this excellent association now celebrating its fiftieth year. The other great work is its agitation for the establishment of National Parks. The eastern half of this country is lacking in such reservations. We need them in the region of the Great Lakes, in the White and Appalachian Mountains (where the Government has already purchased two and a half million acres) and in the South. It will be urged upon Congress—a matter that should be supported by every good citizen—that legislation be passed which will make possible the establishment, within a period of ten years, of a chain of public forests encircling the larger centers of population and industry. Of these public forests eight million acres will be in the eastern half of the country, over which the shadow of forest bankruptcy has already fallen. This eastern area contains more than three fourths of the nation's people, three fourths of its industries and three fourths of its non-productive, cut-over land.

The area of deforested lands east of the Great Plains has now risen to the amazing figure of 285,000,000 acres. Realize what this means—timber once stood on these 285,000,000 acres, its trees protected the streams and rivers, its fastnesses were a refuge for game. It has now either been turned to the plow or stands idle. During the past fourteen years, over 75,000,000 acres of virgin forest have been cut away. This does not include the acreage destroyed by fires.

HERE is a situation that every self-respecting citizen must be interested in. He must have a national conscience for our forest protection; he must have a state conscience if his state lacks adequate protection for her forests; he must have a personal conscience and sense of responsibility when he enters these forests. He should support local, state and national organizations in endorsing and supporting the projects of the American Forestry Association.

To repeat—Moses is the only man on record who saw a bush burn with fire and the bush was not consumed.





THE MELLOW QUALITY OF RUBBLE MASONRY

[illegible] wall of the Colonial Hall, Pa., residence and [illegible] of the California [illegible] Great Days. When the years [illegible] its [illegible] beauty [illegible] and Gables, [illegible] of great loveliness is the [illegible] Courtesy of Mr. [illegible] J. H. Pierce, owner; [illegible] P. M. [illegible]

THE FIRST OF FOUR IDEAL SMALLER GARDENS



With this issue the Four Ideal Smaller Homes *series enters its final stage. Since June the houses have been designed, decorated, furnished and equipped. Now, beginning with Mr. Dana's, their grounds and gardens will be done*

This Ideal Smaller Homes series was planned to prove the possibilities of the moderate-sized suburban house. For long enough this kind of house had seemed to be architecture's stepchild. There seemed to be no reason why the house that was neither small nor large should not come more generally into its own. So, four architects of the highest standing in their several sections of the country—New York, Philadelphia, Cleveland and the Coast, were asked to submit designs to House & Garden of houses that would not only solve all the problems of the moderate-sized home but be typical of the architectural styles and building methods most suited to this kind of dwelling.

Each house was designed for a family of at least four, and one or more servants. Each one contained an attached garage, and was to cost not more than $20,000. The idea was to develop an establishment, including the ground (in each case a plot seventy-five by one hundred and fifty feet), the decorating, furnishing, and the preparation and planting of the garden and grounds, all to cost less than $30,000.

Beginning here, and continuing through the next three issues, the gardens and grounds of the four houses will be done. The grounds whose arrangement and planning are described in this article are those for the house designed by Richard H. Dana, jr., architect. The house, being rather French in feeling, with a stuccoed exterior and a definitely formal appearance, gives an opportunity to do a garden in the French manner, something rarely attempted in this country except in imitations of the grand and florid fashion of France's most pretentious period.

In this case simplicity has been the quality

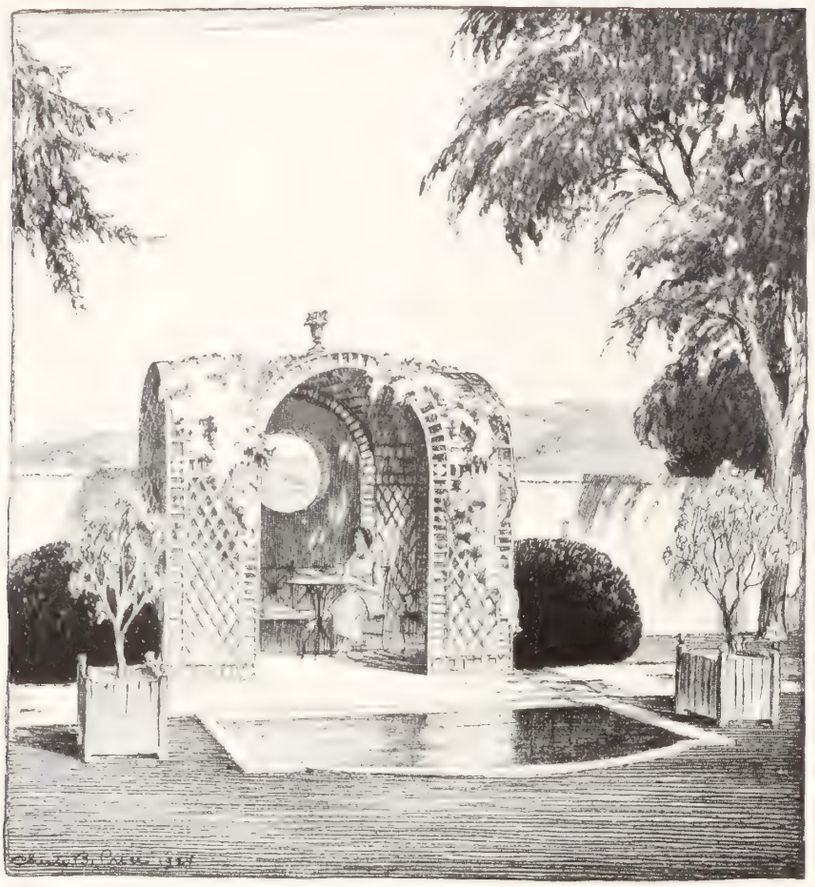


sought—simplicity, directness, and discretion in the use of plants. All these are characteristic traits of the smaller and unaffected French gardens, both old and modern. In one sense of the word there is no definite garden although there is a small garden plot on either side of the broad *tapis vert* that stretches from the terrace to the rear property line. These small garden plots, however, are only incidentally decorative. One is devoted to neat-growing vegetables and the other to flowers for cutting. They are not meant to make any particular display, and merely occur here as very pleasant things to see in passing.

The design, a typical plan, done by [illegible] especially for [illegible] of the unaffected French [illegible]—simplicity, directness, and discretion in the use of plants—characteristic traits of the [illegible] gardens, both old and modern. In one sense of the word there is no definite garden although there is a small garden plot on either side of the broad tapis vert that stretches from the terrace to the rear property line. These small garden plots, however, are only incidentally decorative. One is devoted to neat-growing vegetables and the other to flowers for cutting. They are not meant to make any particular display, and merely occur here as very pleasant things to see in passing.

The site is level and faces north: almost ideal conditions from the standpoint of ease and convenience in planning and executing work on the grounds. Scarcely any grading is necessary, and the exposure for both garden and house is perfect. These are important factors in the design, and their influence becomes quite obvious as the development of the plan is followed.

The principal part of the garden is the great open panel of turf, flanked by rows of dwarf apples. The eye is carried across its smooth green surface to a cross-arched pavilion, done in lattice, whose graceful, delicate lines are reflected in a brimming pool. A gravel path, with well kept edges, surrounds this *tapis vert* and forms the connecting link between terrace and pavilion, and provides, as well, access to the small garden plots and the service spaces on either side of the house. At the end of each side



Against the rear garden wall, arched at this point and pierced by a circular opening, stands this graceful, cross-arched pavillion of lattice. It is on the axis of the tapis vert and is flanked by two clipped privets

With the exception of such things as grape vines against the garden walls and flowering vines on the little pavillion all the planting on the place is indicated by the numbered spaces on the plan. Item Number 1, for instance, should be some suitable variety of Dwarf Apple—a kind of tree to stand from ten to fourteen feet high. Number 2 marks the location of Dwarf Pears of a similar size, and Number 3 Peaches. The two Number 4's, on either side of the pavillion, are clipped Privets as shown in the sketch at the top of the page. Number 5's are Bay Trees or Oleanders set out in tubs in Spring and taken in when frost arrives. Number 6 represents a hedge of Barberry which surrounds the front section of the property where it is pierced by the garage and service entrances and the entrance path. Number 7 marks the two long beds of annuals fronting the terrace. The narrow panels marked 8 constitute the small vegetable plot, while Number 9 marks the cutting garden opposite. The foundation planting of the house has been made appropriately effective by giving it simplicity almost to the point of severity. It consists altogether of Evergreen Bittersweet (Euonymous radicans vegetus), which provides a dark green border along the base of the building at every season.

path, looking from the house end of the garden, stands a vase on a shaft—a crisp architectural note to close the vista.

The whole garden space—in fact, all the property from the south facade of the house to the rear boundary line, is enclosed within a six-foot wall, stuccoed to match the house. The protection this affords and the splendid framework it provides for the garden are things which the French appreciate intensely. A garden there, in town or country, would no more be built without a surrounding wall than a house would be made without rooms. To make this wall inexpensive it might be built of hollow tile; to make it less expensive than that it might be built of frame and stuccoed.

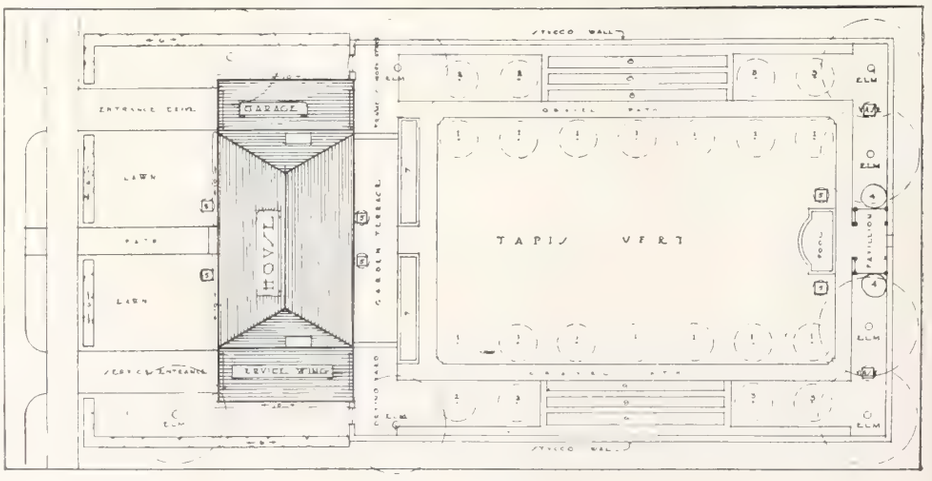
The terrace carries across the garden face of the house between two wing walls which separate it from the gardener's working space at one side and the drying yard at the other. It is paved in tiles and is set with groups of iron garden furniture in graceful and delicate lines.

The existing growth on the site consists of several large Elms, four of which are disposed along the rear property line and the rest clustered about the house. The subsequent planting has been planned with great economy in the choice and number of plants used. The result is a place whose upkeep can never become a burden. Everything has been done for convenience and ease of operation.

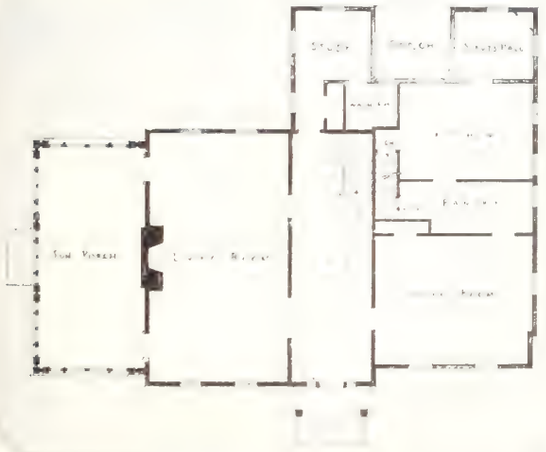
At the end of each side path, bordered by dwarf fruits, stands an urn on a stone shaft, as an architectural accent to close the vista



The planting diagram below shows with what simplicity the whole place has been planned. The numbers refer to plants named in text







From the naïveté of its original state this farmhouse has been very successfully given architectural consciousness, with a hooded entrance, balustraded wings and shutters in the old New England manner



The first floor has a living room of splendid proportions, with windows at either end and French doors at leading onto a sun porch. The right wing contains the dining room, study and the service

The stable, gardener's cottage and smaller building have been done over delightfully; the former into a garage with three arched doorways, and the latter into a group having the fine flavor of unpretentious de-



On the second floor are two masters bedrooms, one guest's, two for servants, two bathrooms and a dressing room. The hallway is wide and is connected with the one below by a curving staircase

A THREE PAGE GROUP OF THREE HOUSES
From Connecticut, New Jersey and Maryland



Mellelor

The home of Paul Patterson, in the suburbs of Baltimore, is an American interpretation of a familiar English country house style in which a double bay window and casements are features



The garden view is shown above, and to the right is the street façade. Although not under the same roof as the house, the garage has been closely linked to it as an appended service

A HOUSE IN BALTIMORE, MD.

EDWARD L. PALMER, *Architect*

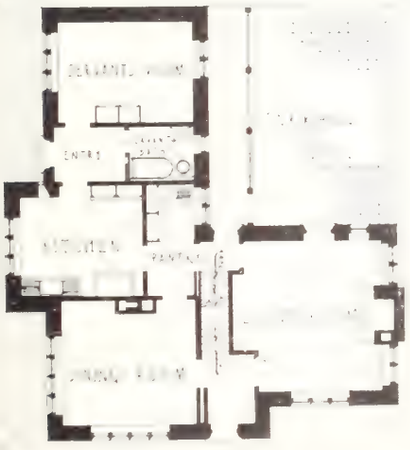


Both the dining and living rooms are about the same size. The hall has been kept down to a necessary minimum

A master's suite occupies the major part of the second floor, with two additional rooms and a bath in the wing



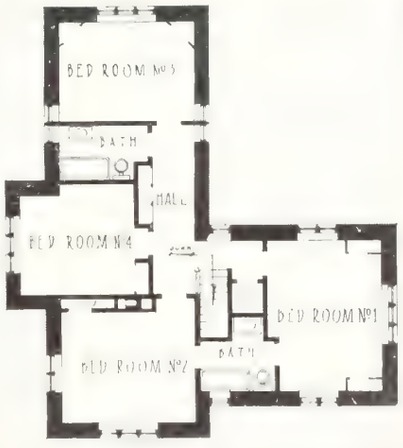




The Tudor style, generally associated with large country houses, has been successfully developed in this small residence, the home of Frank R. Ford

A LITTLE TUDOR HOUSE IN ROSELAND, N. J.

MICHAEL STILLMAN, *Architect*



A Lower terrace, partially screened by trees to the south and east to form a sunny spot to dine, with other seats, the paved terrace is really an outdoor extension of the living room



Since the servants are given a room downstairs, the two bedrooms upstairs are for the family. This arrangement affords an abundance of light and ventilation

The scale of the architectural details has been so carefully studied in the exterior that the house is one of rare examples of completely successful architecture

THE ART OF THE TILE

These Jewels of Architecture Are Considered for the Important Part They Play as a Decorative Element in the House

RALPH PATTISON

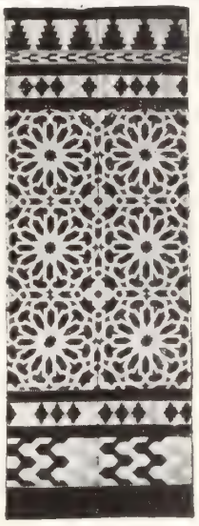
COLOR is coming again into architecture, and decorative tiles will play a great part in the chromatic revival. Nothing else is more able to take the leading role; for what fabric, paint or fresco, granting the ability of any one of these devices or materials to match the beauty of finely designed tiles or the brilliance and depth of their color, can be so durable, so unsusceptible to time. When tiles return into general use architecture will have recovered her jewels and will be gay again. It would be a pity to abuse this opportunity for gaiety and make it garish by failing to treat tiles with the tenderness and restraint which make them most effective. Tiles are a most poignant delicacy, and subtlety is the best approach to beauty where they are concerned.

It may be understood that the word *tile*, as used here, refers to that type of tyle known as faience, which differs from the ordinary floor tile and roof tile in that it is decorated, colored and glazed. Its purpose is almost purely decorative. The name is taken from that of the Italian town of Faenza, one of the first centers of the industry, where, still, some of the loveliest tiles in the world are made—when the kilns are not being used for baking macaroni.

Italy and Persia were great places for tiles, as were Turkey, Morocco and, subsequently, Spain. Probably climate and the crying desire for color had much to do with their popularity and their gorgeous development in those countries; certainly tiles gained an importance in architecture there which has never been equalled elsewhere—particularly on the exterior of buildings and in gardens. This was the case in the Orient, too. In cooler countries they have never been laid so lavishly, or with the same degree of splendor. Tile floors were done, of course, and wall panels, fireplace faces and stoves were made, but tile-work remained an incidental motif, whereas further south, from India to Spain, it was almost the principal theme in the architectural symphony.



Above is a native reproduction of an old Persian tile in polychrome, fifteen inches square and exquisite in color and design

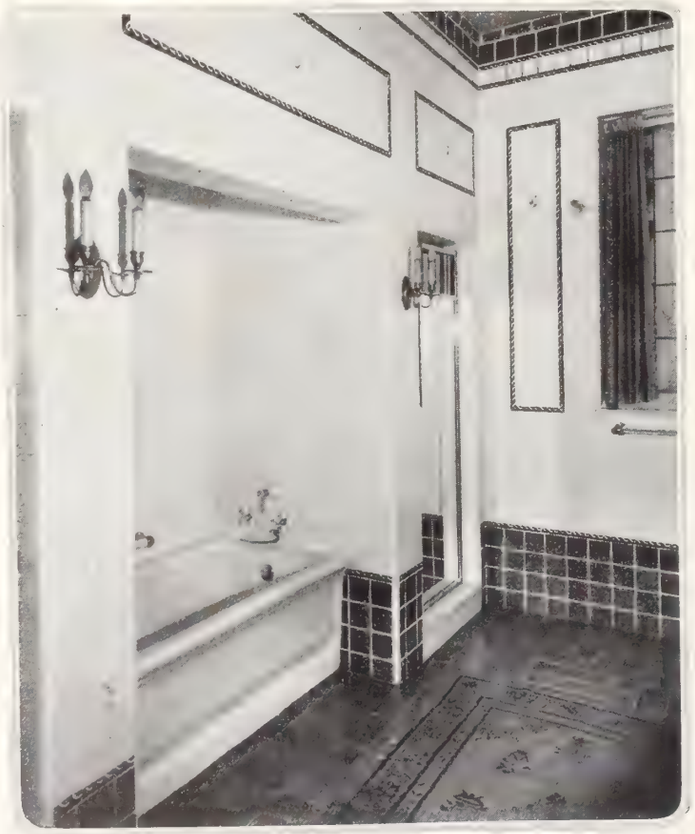


A splendid example of Spanish-Moresco tiles making up a central panel with borders. Made in Sevilla by Jose Mensaque

Rather than go into a detailed description of the history of tiles, their decorative development and the various modes of their manufacture (though these last scarcely differ from the ancient practices except in the application of modern methods), it will be enough to say that tendencies in tile design were largely controlled by the use to which tiles were put in different parts of the world, and by the natural differences in taste and temperament encountered from country to country. We are apt to recognize a piece of pottery as belonging to a certain nationality, because pottery, from all parts of the world, has come into rather general household use. It will be found that tiles of certain periods and countries resemble the pottery of those periods and countries, the fashions in both being part of the same artistic impulse. This rule may not follow in every instance, but for one unfamiliar with tiles yet knowing something of pottery, it will serve as a rough though simple guide.

In the warm climates of the

(*Continued on page* 108)





This Persian tile, showing a goat herd in repose, like that of the Seven Virgins opposite, has a background in blue with ivory white figures in relief

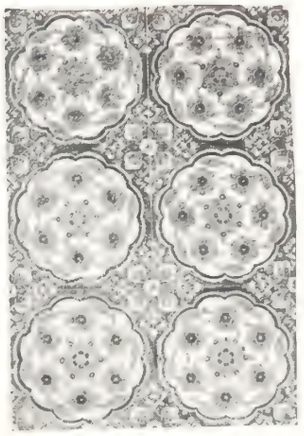


This bathroom, an adaptation of tiles to modern interiors, is a beautiful tour de force in blue and white. By the American Encaustic Co. & J. L. Mott



The polychrome tiles of Persia are among the loveliest in the world. These are modern reproductions





Another panel of Persian tiles. All the reproductions of foreign tiles are imported by Robert Rossman Co.

These are admirable subjects to replace. These and many of this interesting panel were designed by Julius Gregory, architect, and are made by the American Encaustic Tiling Co.



The nursery of design in these tiles, achieved by having the drawings made by young girls, is carried through a large and splendid series by the American Encaustic Tiling Co.



The bathroom is completely lined with tiles and set with blue and white Wedgwood plaques. Courtesy of the J. L. Mott Iron Works

No better wall surface than tiles is possible in a kitchen. Here a simple design gives parkle to the room. Both rooms by American Encaustic & J. L. Mott







Picturesque details of an artist's home cannot fail to interest those intending to build. The views here are details of additions to an older building. This shows the entrance from the paved court to the dining hall. The door is painted blue; its steps are of broken flagstones laid on brick



The view into the paved court shows the connecting passage between the living room in the new wing and the dining hall in the original building. The stucco is cream color set up in the old English manner. The nogging is of salmon colored brick. The shingle roof has been left to weather

This west side of the new studio building shows an interesting combination of stucco and clapboarding. The oiled clapboards are set at random widths and laid up unsymmetrically as to line. All the windows are simple casements

DETAILS OF THE HOME OF JOHN G. SHERIDAN

PORT WASHINGTON, L. I.

WESLEY S. BESSELL, *Architect*



The kitchen entrance is like the romantic corner of a set for "La Boheme." Its blue stair deflanked with simple wrought iron balustrade leads to the service entry. The lintel over the kitchen windows is painted orange. We like the old street lamp, too

Where once stood the main entrance door of the original mall house was developed the little circular bay window, with its flaring shingle roof laid not unlike thatch on an English cottage

A feature of the dining hall is this semi-circular bay window. The panes are of leaded glass with shields in color. The window frames are blue-green and the trim a pleasing apple green





COLORS TO PAINT THE HOUSE

Suitable Schemes for Various Types of Houses are Given Here

BERTON ELLIOT

IT is safe to say that the colors used in house painting represent fully fifty per cent of the value of painting to those living in their own homes.

The logic of this conclusion is realized when one stops to think there are just two major reasons for painting, both of about equal importance—preservation—and improved appearance of property. Many jobs register zero from the standpoint of improved home appearance, due entirely to the wrong use of colors. These jobs, therefore, may be properly said to give the owner only fifty per cent of the value possible to obtain from the money spent for painting.

The right use of color means more than picking out colors that look well together when paper samples are placed beside each other. The architecture of the house must be taken into consideration. Surroundings must also be considered. The colors of neighboring houses also have a bearing on the question.

SOME of the fundamentals governing the use of color in exterior painting will be of interest.

For instance: light, warm colors make surfaces appear larger. Dark colors tend to make them appear smaller. The modest cottage ordinarily appears to best advantage in the light, warm shades, while many a large dwelling, that would look ungainly and over-prominent in light shades, looks well balanced and stately in dark colors.

Cold, light colors, such as light gray or green, do not seem to change a surface appearance to any extent, and are known as neutral colors. They are often especially pleasing where a building is situated in an open, exposed plot, and not surrounded with trees.

Bright, warm colors containing red or orange make a surface seem nearer to the eye. One of the places where this principle needs to be considered is in painting the pillars of the porch. A yellow body color, for instance, with green trim, requires the pillars in the yellow rather than the green, so they will hold their place out nearer the eye and preserve the architectural and structural value of the building. Blue is a retreating color, and should be used under opposite conditions.

The tall, narrow house can be made to appear lower and broader by keeping the body in a light tone, with a dark, contrasting color for trim.

A squatty house will seem taller in grays or greens with dark trim—and care should be taken not to emphasize any horizontal lines, painting them in the body color wherever possible.

In large, square houses, with a division between the first and second stories, if the upper part is in shingles, it may be done with stain in a different tone from the lower part in siding. If, however, the entire house is in siding, it will usually cut the house in two and make it look too broad if the siding is painted in upper and lower color. The difference in texture permits this treatment when the upper part is shingled.



DUTCH COLONIAL TYPES

1

Body	White
Roof	Emerald Green
Cornice, Corner Boards, Etc.	White
Blinds	Bright Green
Sash	White
Front Door	Bright Green

—Green shrubbery to break the hard foundation line, and give further pleasing contrast is very advisable.

2

Body	Cream
Roof	Red-Brown
Other Shingled Surfaces	Moss Green
Cornice, Corner Boards, Etc.	White
Blinds	Moss Green
Sash	White
Front Door	Walnut Stain

—Sodded terraces are particularly appropriate with the Dutch Colonial type for all painting plans, but particularly with white and green schemes.

3

Body	Rich Ivory
Roof	Silver Gray
Other Shingle Surfaces	Silver Gray
Cornice, Corner Boards, Etc.	Rich Ivory
Sash	Rich Ivory
Front Door	Walnut Stain

4

Body	Ivory
Roof	Emerald Green
Other Shingled Surfaces	Olive Drab
Cornice, Corner Boards, Etc.	Ivory
Blinds	Olive Drab
Sash	Ivory
Front Door	Walnut Stain

Where a house is situated between two buildings in strong colors, do not use another strong color. It will ruin the looks of all three houses. Use, rather, a neat, modest color of neutral tone, with either the trim or roof color in a shade or tint of the strong adjoining color, thus forming a "color bridge" that will bind the three in harmony, and improve every one in appearance.

The trimming, an important element in the architectural plan, is even more important in the painting plan, as with the manipulation of the trim color it is frequently possible to modify the appearance of the house to a considerable extent. A trim color provides contrast and gives interest. Time and grime will soften the contrast, but not destroy the interest, whereas a season's grime will make a house in light color without a trim quite ugly, the grime being much more noticeable when no contrasting trim is provided. Introducing trim color does not necessarily mean the painting of cornice and corner boards in a trim color. Shutters, sash or flower boxes might be just right for the trim effect.

The correct combination of colors under individual prevailing conditions is necessary to a fully pleasing color scheme.

A GREAT deal of the success of painting depends upon having *exactly* the right tint. A very slight difference in color might mean the difference between the finest looking job and a very ordinary one. Colors can be very readily changed, either in prepared paint, or in a lead and oil mixture made by the painter on the job, by tinting with a little color in oil of the right shade. Ivory, for instance, can be made a little stronger by adding raw sienna, or a little lighter by adding white. Yellow can be made stronger by tinting with chrome yellow, and lightened with white, etc. To be entirely certain of the color, it is advisable to paint a small section of board in the number of coats to be applied, as some colors especially blues, dry out to a different shade than when first applied. With these colors the house will look considerably different the next day than it does immediately after the last coat has been applied. It is also a good idea, where practicable, to leave the front of the house until the last, so if the sides or end do not come out exactly right, the paint can be

(*Continued on page* 118)

A LITTLE PORTFOLIO OF GOOD INTERIORS



©Sigurd L



The portfolio this month is devoted to the home of Mme. Galli Curci at Highmount, N. Y. In keeping with the fine simplicity of the background are the sturdy oak piece from originals in the Kensington Museum, H. T. Lindeberg, architect

The main feature of the attractive boudoir is the draped dressing table hung in coral colored taffeta, a nice contrast to the green walls. The hangings in this room are chintz in cream, coral and blue. Wm. A. French & Co. were the decorators





The long living room with its neutral tinted plaster walls, its unusual carved lintels and its fine built-in bookcase is given color by hangings of green wool damask and gay printed linen upholstery in a Jacobean design

On either side of the wide fireplace in the living room is a small sofa done in mahogany colored damask. The modern, hand-tufted Spanish rug has a tête de nègre ground. Wm. A. French & Co. were the decorators



More decorative than the first room is the studio with its effective beamed ceiling and finely proportioned leaded glass window. The curtains here are antique crimson damask and the upholstery a block printed linen



As this room is intended primarily for music the piano is given the place of honor in front of the high, crimson hung window. The cover of 15th Century Italian brocade provides brilliant color. Wm. A. French & Co., decorators



Scarcely another material offers a lovelier contrast to surrounding rich green foliage than white-painted wood: a fact made apparent by this Long Island house. Harrie T. Lindeberg, architect

BUILDING IN WOOD

The Most Characteristic of All American Materials is Capable of a Great Variety of Interesting Treatments

FREDERICK HOUSTON

THE continuation down into modern times, on any considerable scale, of the wood-framed house has been a distinctly American contribution to residential construction.

If our Atlantic seaboard had been settled with immigrants from Mediterranean Europe, with Italians or Spaniards for instance, we would not have received the tradition of mediaeval English wood construction which came in at our start,—and our early buildings would likely have been largely done in masonry.

Settled, however, with colonists from England, we became possessed of an ancient, but still vital, facility in the use of wood, both for framing and for covering the exterior of the house.

In the early 17th century, in England, wood construction was on the decline, for beginning with Elizabeth's time, England had taken to the sea, and her forests were being converted into ships and much less timber was available for building. Brick masonry, too, was coming into much more general use for the smaller farm and village houses, which but a little earlier would have been built with wood framing. But building with wood was by no means a bygone habit, and moreover the almost universal earlier use of wood for the smaller homes meant that our first arrivals, largely village and country people, had probably been born and reared in wood framed houses.

These English wood framed houses were not generally sheathed or clapboarded in wood. Clapboards appear always to have been common enough in England, but not generally for covering the entire exterior, but rather for odds and ends of wall surface.

The English wood framed house was what we call "half timber", and generally presented on the surface the faces of its timber frame, with plastered or exposed brick fillings between. In spite of a great difference in surface appearance, this English "half timber" house was the immediate ancestor of our Colonial "frame" or "clapboarded" house. Many of our Colonial wood buildings, with the clapboard ripped off, would show themselves immediately akin to "half timber" even to the fillings of brick, or of mud and straw, set in between the beams. In this country, a rigorous climate, and a lack of lime for mortar or plaster made the further covering of clapboards or weather boards a necessity, and the wood was at hand for this surface use, as well as for framing.

It is in New England that we have a fairly extensive remainder of very early framed buildings. There we have a considerable group dating well back into the 17th century, and showing strongly their Gothic derivation in their long narrow mass, high gabled roofs without dormers, and particularly with their overhanging second and attic stories. The broken chimney faces, too, hark back to Gothic usage, and add still further to the mediaeval flavor.

On these early houses there is little embellishment in the way of elaborately molded window and door trim and cornices. In the most elaborate, molded barge or gable boards, drops or pendants to the overhang, and the chimney treatment are all that show an effort toward dressing up,—but of all our wooden houses, these earliest ones show the greatest harmony between design and material. Their fine mass, with the sharply pitched gables, and strong chimney stacks, and particularly the narrow ribbon like clapboards, convey a sense of simple verity in the use of wood which has not been equaled in our later work.

(*Continued on page* 124)





Narrow clapboard and the most irregular sills are characteristic of these late 17th century houses as "Solitary Cove," near New Haven, Ct. R. H. Dana, jr., architect of the restoration

The wall surface of this house has flush boarding channeled and beaded to simulate the jointing in cut stone, a device which gives a delightful texture. Delano & Aldrich, the architects



In the house above the narrow clapboard helps out the scale of the windows and door openings and enable one to realize the proportions of the building. Note the suppression of the [illegible]



An early New England house illustrates the device of the second story overhang with its ornamental pendants. The houses of the period show a sympathetic and intelligent use of woodwork and framing

GARDENING'S GREAT TEMPTATIONS

How Best to Meet The Oncoming Barrage

Of Spring Seed And Nursery Catalogs

DURING the course of a year the average gardener faces several minor and two major temptations. The minor temptations are the catalogs of the specialists; the major temptations are the spring and fall catalogs. He can yield to them—which is the easiest way to be rid of any temptation; or he can try to resist them—which is sportier game.

It has been estimated that about one thousand of the five thousand or so seed, bulb and nursery concerns in this country issue catalogs. The editions range from a few thousands to the hundreds of thousands. It is an appreciable body of literature. The investment involved is enormous. Save in the rarest cases, these catalogs are sent gratis. The average gardener has half a dozen of them; in fact, they are so abundant and so easily obtained that he is apt to undervalue the service they offer and, perhaps, fail to realize what lies behind them, what effort goes into their compilation, what expense in their presentation. If he ever does stop to think these matters over, he will thereafter treat a catalog with respect and, treating it with respect, will be able to obtain a maximum of service from it.

Like fat bulls of Bashan on every side, the seed catalogs will soon be upon us. How can we get the best from them?

Their contents will fall into three parts — the things you hope some day to afford, the things you buy although you can't afford them, and the things you simply can't live without. That collection of French hybrid Lilacs may be a dream eventually to attain; but that extra dozen of choice bulbs you allow yourself even though your purse be strained. And as for seeds, they are absolutely essential to a gardener's existence.

THE making out of your order is the obvious end to which the catalogs lead, and you are a wise gardener if you temper your selection with a measure of elimination. Not that some of the seedsmen's offerings are worthless; merely that no one garden could possibly contain them all. You are faced with a thousand attractions where but ten or twenty can be accepted. If you fail to put the surplus resolutely out of mind, you will soon be floundering in a maze of indecisions.

Armed, therefore, with a blue pencil, a red one, and firmly mobilized will-power, you check off in red the items you simply must have, searching definitely for them and turning down the corners of the pages on which they are listed. This is the groundwork, the foundation planting, as it were. Into the compilation of it no other allurements shall intrude.

Follows, then, a second and more leisurely conning of the pages during which blue checks are set against additional items which appeal to you as being particularly desirable. Go right through the catalog, designating each desired variety and jotting it down on a separate sheet of paper. At the end, you will have a list which, while it may be appallingly long, nevertheless has the merit of well organized arrangement. Pruning it down to workable proportions is simply a matter of courage.

ONCE the list itself is completed, it is an excellent plan to compare what several different catalogs have to say about the more important items. If A. & Co. has a particularly fine strain of Delphinium, that is the place to get Delphiniums, if B., Inc., features the world's best Iris, while A. has only the usual offering, you will naturally order your Iris from B.

It is a common mistake among inexperienced gardeners to order more seed than is needed. A ten cent packet, visualized from the catalog, suggests about enough to plant a square foot of soil; surely, at least half an ounce will be needed. Only when one gets on the ground and begins to plant does it become apparent that the half-ounce is about five times too much. In the interests of financial as well as seed economy, the wise purchaser of flower seeds limits himself to one or two packets of each variety, except in the case of such items as are wanted for broadcasting on a large scale. In vegetables, of course, one deals with birds of another feather, as it were; a half-pound of corn won't swamp a garden, nor will a peck of potatoes.

In the course of your prowlings through the catalogs you will find much that bears on the success of gardening other than its attainment through the choice of seeds. If we may translate a certain automobile manufacturer's slogan into terms of soil and root and flower, it's not only the purchase price that counts. The reliable seedsman knows that only by proper treatment can his wares be brought to full perfection in your garden, and so he interlards his descriptions with cultural directions and growing suggestions of many kinds. Even the experienced planter seeks these out and takes them to his heart (or his garden notebook), for they are based on professional knowledge of the highest order.

The modern seed, plant or nursery catalog, then, is more than a mere compilation of horticultural material offered for sale. It is a reference book of definite value and may well be added, with pleasure and profit,to that shelf in the garden library where are kept the most practical of the garden books.

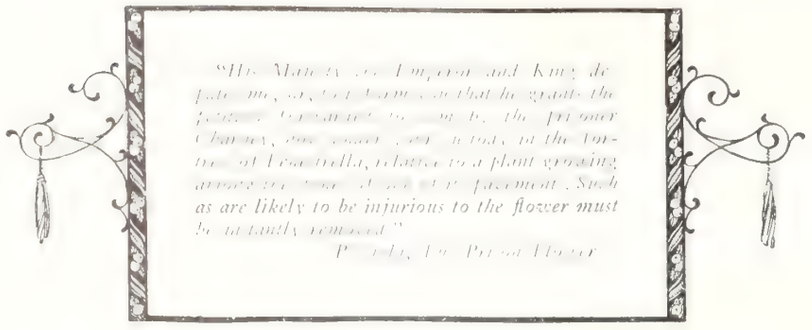
Of late years there has developed among plantsmen a tendency to offer "collections" of several varieties at lower prices per item than obtains in the general catalog list. These are often excellent opportunities. The reason for the reduction in price is not any lower standard of quality, but merely the increased number of orders which results from such offerings and the economy which results from making up stock orders in advance. It is the old story of small profits per order and large volume of sales.

It costs money to produce good planting material. Quality in seeds, plants or nursery stock is well worth paying for, and the producer is surely justified in the prices he asks. Now and then one comes upon real bargains—special offerings made to clear surplus stock or for some other reputable reason. These are excellent buys when offered by reliable concerns. But they should be investigated before ordering from a firm whose standing is open to question.

More and more, as time goes on, American plantsmen are becoming specialists and issuing catalogs devoted wholly to one or a few varieties. This is especially true of the flower people, among whom the practice of concentrating on such things as Dahlias, Peonies, Roses or Iris has produced some splendid results. These specialized catalogs are invaluable, especially to the gardener who has passed beyond the neophyte stage.

THERE is just one more word of advice—having made out your order for spring flower and vegetable seeds, be satisfied with it. Try a few of the novelties each year, but do not attempt to grow them all. Each year try a few of the things you never have grown, and if you succeed with them, put them on your list of absolute essentials and old friends, but remember that a few commonplace flowers and vegetables grown well constitutes better gardening than growing numberless novelties indifferently.

If you do have the misfortune to fail with some of the seeds you try, do not immediately blame the seedsman. Many factors contribute to successful plant growth of which fresh, good, clean seed is only one. And if you do not feel satisfied with shouldering the blame yourself, you can always lay it on the elements—the excess or lack of rain, the late frost, the burning heat, the wind, the obnoxious and omnipresent bug—destructive elements that the insurance policies, with pious astuteness, call "acts of God."



THE GARDEN BETWEEN WALLS

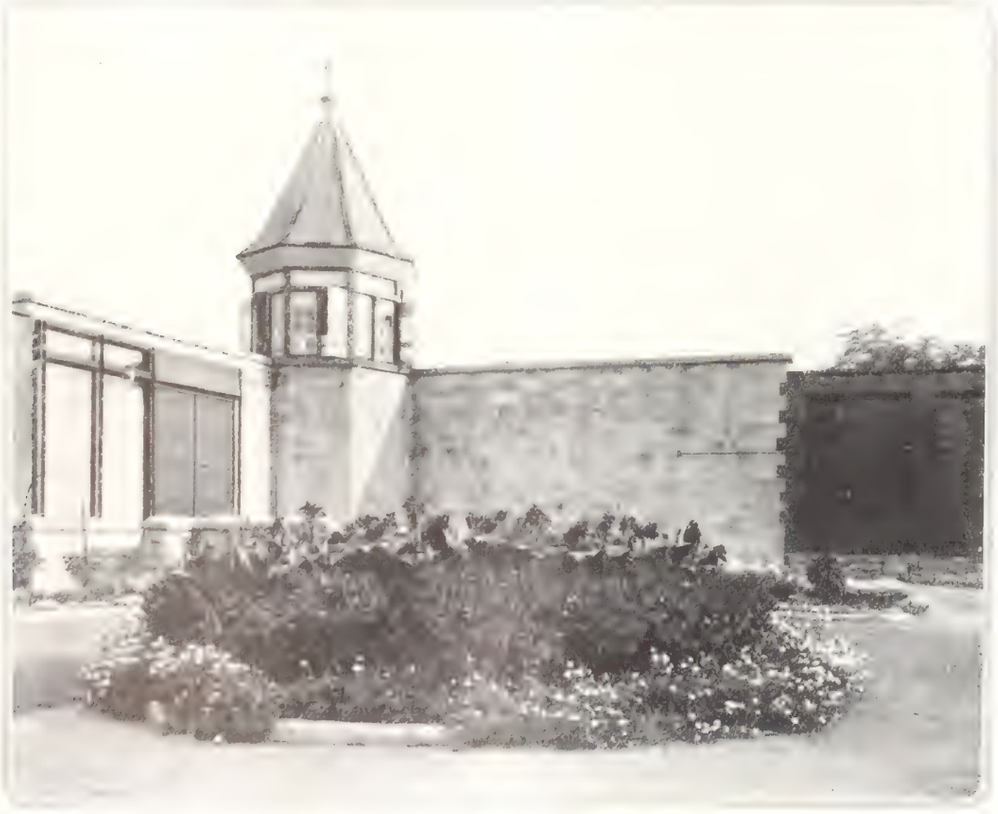
The Story of How the Trodden Cinders of Sing Sing Were Made to Blossom with the Rose

RICHARDSON WRIGHT

A LITTLE more than two years ago Father Cashin, the beloved Roman Catholic chaplain of Sing Sing Prison, bought a set of miniature garden tools for one of the life termers. The prisoner was ailing at the time and the gift was accompanied by the suggestion that a course in digging wouldn't do him any harm. Since his previous experience had been far removed from gardens and gardening, the suggestion seemed novel. His work had never led him into the great world of green growing things. A journalist all his life, editor of a big metropolitan daily, he had spent years purveying news about people in cities—trouble and crime and accident and scandal, success and failure, bombast and boost and knock. Moreover he—Chapin is his name, Charles Chapin—stands about six feet high, and the tools were the size a child would use. It looked as though the padre were playing a joke.

However, the word spoken in jest bore fruit. The prisoner asked if he might be allowed to look after the lawn—the lawn space being limited to a small area in front of the offices, some strips in front of cell blocks and one lone flower bed. The permission given, it was then a problem where the lawn mower, the sickle, the hose and clippers would come from. Eventually they were purchased, and the purchase used up a quarter of the budget for the care of the grounds at Sing Sing that year. The funds being exhausted, Chapin had to wait till another quarter rolled around before money was available for grass seed. In the orthodox manner of prisons, Sing Sing had a firm foundation of crushed rock and trodden cinders and old scrap iron, which, as any gardener can tell you, is scarcely the sort of thing to support plant life. Yet, as the summer passed, those strips of lawn kept thriving and the prisoner began to feel better. And feeling better and having had this initiation into the world of green growing things, he was visited by a strange ambition. He wondered if the warden would let him make a little flower garden.

Now, men in prison have practically no money, their every act is circumscribed by



Near the south gate, through which all prisoners first enter Sing Sing, was an area of crushed rock. From this spot the garden began



For background the Rose Garden has the tall range of a six-story cell block. On the other side are the factories. In this space, laid out in formal designs, are the Rose beds



Beds that relieve this stretch of lawn are devoted to annuals planted in solid colorful blocks. This open space faces the Hudson and is the only unwalled area at Sing Sing

the sternest discipline, and things you and I would do without asking must first be passed on by the warden. Major Lewis F. Lawes was (and still is) the warden at Sing Sing. His administration has been remarkable for its long-ranged vision; he saw in this suggestion a worthwhile idea. Between the south gate (by which all prisoners enter) and the old execution house was an area of crushed rock. This was handed over to Chapin. So was a long stretch in front of one of the cell blocks.

At this point House & Garden



The fountain and terrace in the middle of the Rose Garden are the work of an inmate. Evergreen plants and a flagstone pattern climb all over the arches

readers, garden lovers, seedsmen and nurserymen enter the story. Through the various garden magazines an appeal was made to gardeners to send surplus stock to Sing Sing. The answer was immediate and amazing. With this material Chapin and his inmate helpers made an herbaceous border 469 feet long, containing more than one thousand Iris plants, 150 Peonies, hundreds of other perennials and one hundred Rose bushes and six thousand spring flowering bulbs. Spaced at regular intervals are Blue

(Continued on page 76)



A herbaceous border, [illegible] long, extends down the front of one cell block. It contains, besides trees and shrubs, 1000 Iris plants, 150 Peonies, and over 6000 bulbs

A NEW RACE OF ROSES

The Author, Who Was the Creator of this Family, Describes His New Hardy Climbers

GEORGE C. THOMAS, Jr.

THE first and greatest disappointment of Climbing Roses in the Central East is, or rather was, their lack of continued bloom.

The Wichurianas and their hybrids give a wonderful display in June; then evidently consider their duty done, and produce little more than foliage till frost—very often they lose most of that.

The Hybrid Tea Climber, with careful protection, does better, but at best its blooms are scattering; its growth varies, and often does not produce climbing habit; while, as a rule, it is subject to mildew, and loses foliage badly. It often winter-kills, and when this occurs gives practically no bloom.

Among the other classes of climbers, even including the new hybrids introduced from Europe, there are no kinds which really supply the want. The Tea Climbers and Noisettes, which are so wonderful as ever-blooming climbers in our own South, are useless where zero conditions obtain, and even that best of Southern varieties—Climbing Cecile Brunner—cannot be grown on account of winter-killing. It is true that in some seacoast areas in the East and North-west the moist, ocean climate aids the blooming of some varieties, but this is an exception to the general rule, and cannot be counted upon.

From 1901 to 1912, near Philadelphia, Pa., the writer tried everything obtainable, and after deciding that the ever-blooming hardy climber for his district did not then exist, commenced the experiment of securing it by hybridization.

Without going into too much detail of the work, it is sufficient to say that from 1912 to 1920 a process of elimination was carried on to produce the ideal desired. Practically every type of hardy climber was bred to all the ever-blooming bush roses, and at first valuable seedlings were few and far between; but after the first year, new kinds, which gave partial success, appeared, and their parents were at once used more extensively in new experiments; and they themselves were tried as parents.



"Dr. Huey," a dark crimson maroon with light yellow stamens, the flowers borne in clusters. For this rose Mr. Thomas was awarded the Hubbard Memorial Medal by the American Rose Society

During 1920, a few of these seedlings were sent to the International Test Garden at Portland, Oregon; and one of them—W. F. Kendrick—a semi-climber, hardy and of ever-blooming habit, won second prize in the open competition and first among the amateur productions.

In the same competition, another seedling, Bloomfield Abundance, gave over 300 blooms during the season at Portland, and proved itself of merit as a hardy ever-bloomer of semi-climbing habit.

Abundance has been a pollen parent of the greatest worth, as it produced, among other seedlings, Cascadia, a rose which won the gold medal of the Portland Rose Society in 1922; and also Bloomfield Perfection, a variety as yet unknown outside of the author's garden, but the most valuable of the race, as its flower is of greater beauty and lasting, and it has well defined perfume, besides the other necessary requisites.

Meantime, from a cross between Climbing Caroline Testout and the Hybrid Musk Moonlight, another gold medal Portland winner was bred, and was named "Mrs. George C. Thomas." This rose also won a gold medal put up that year by the American Rose Society. In addition to these winners there were a number of other climbers and large growing ever-blooming hedge roses which were of considerable value; and among the latter was a cross between the dwarf Wichuriana Sylvia and Druschki, which has been in commerce a number of years. This rose, Bloomfield Perpetual, is a single white with growth up to five feet, and of strong, bushy, upright habit, excellent foliage, and a blooming season from May to November, near Philadelphia. This hedge rose is also



"W. F. Kendrick" is a pillar Rose, bearing silver white flowers with peachblush center. It is a favorite in Portland, Oregon, where it was awarded a silver medal



"Bloomfield Prosper" is a scarlet Thomas Hybrid Tea Rose somewhat like General MacArthur



(Right) A creamy pink is the color of "Bloomfield Abundance," a large Rose in clusters



Salmon pink to orange is "Mrs. George C. Thomas," an ever-blooming climber to eight feet high

(Below) "Bloomfield Decoration" is borne in clusters, cerise pink with yellow stamens



perfectly hardy, as recommended in the Central East, and should be tested further North.

Among a number of other varieties may be mentioned Bloomfield Decoration, the result of a cross between Sylvia, noted above, and Arndt. This rose blooms constantly and is hardy in the Central East, with growth there close to six feet; but its greatest value has been found to be in Southern climates, where it gives a much greater growth, and in the California seacoast region reaches fifteen feet and blooms constantly during the entire year.

There are other roses of this class which have filled the requirements desired, but we have restricted our list to those which have shown the greatest hardiness in zones with heavy frost or remarkable merit in Southern climates. The characteristics as described are given most conservatively, and until this new race is tried carefully in our varied conditions it should not be planted in districts not recommended. For example, Bloomfield Defiance is a rose which does remarkably well in Philadelphia, giving plenty of color in its bloom; but in California sunlight this variety is nearly white, and therefore of little value, as it is inferior to Climbing Cecile Brunner which it somewhat resembles, while, per contra, near Philadelphia Cecile Brunner winter-kills to the ground. Again, Mrs. George C. Thomas has the fault of losing foliage near Philadelphia, while it holds this well in the Pacific North-west. In California this last rose is of little value, as its blooms, for some reason, do not develop as in the North-west, and it loses foliage during the long growing season.

In "Roses for all American Climates," the very best of these new roses are described and recommended for the climates for which they are best adapted. There is not sufficient space in this article to explain rose characteristics as governed by climatic conditions, but if the descriptions hereafter given are carefully read and the varieties planted in the localities for which they are recommended, they will be found to be of the greatest value; and as they are more fully tested throughout the country it will eventually be possible to recommend them for additional districts.

The outstanding fact established by this experimental work is that a perfect ever-blooming, hardy climber is not only a possibility but a surety, provided the foundation work already accomplished is carried on. And in this connection it should be frankly stated that the new race as already produced is not by any means the ultimate conclusion, as it does not furnish an absolutely perfect answer to all the desired requirements; but it

(*Continued on page 98*)

THE BEAUTY OF BARBERRIES

Although Some Are Commonly Grown There Are Uncommon Forms Of This Shrub Worth Trying In Our Gardens

E. H. WILSON, V. M. H.

BARBERRIES are in the forward ranks of garden shrubs. They possess many virtues which make them useful in a variety of ways. As ornamental shrubs they are worth growing for their beauty of habit, for their foliage and for their fruit. All the deciduous sorts display fine autumnal coloring. Many kinds are valuable as hedge-plants and several of the Mahonia group are perfect ground-covers. In general they prefer a warm loamy soil but are by no means fastidious. Propagation by cuttings of fairly ripened wood is moderately easy and seeds germinate freely though the species have a marked tendency to hybridize and produce mongrel races.

There is a strong family likeness among the Barberries. All are shrubs but they vary in size from low plants a foot high to huge bushes twenty feet tall. The leading characteristics are the yellow wood, yellow flowers in parts of three, a red, black or blue-black, globose, oblong or egg-shaped berry containing from one to several seeds. The curious may note that the stamens are irritable and if touched at the base with a fine-pointed pencil or pin, they spring forward to the pistil. The object of this power is to insure cross-pollination. A bee in search of honey pushes itself into the flower, sets the stamens in action and becoming itself smeared with pollen carries it away to another flower and deposits it on the stigma. The true Barberries all have simple leaves which in many species fall in the autumn and in others are retained throughout the winter and are armed with spines, often of formidable size and strength, which may be straight and simple as in *B. Thunbergii*, three-partite and trident-like as in the majority of species or much-divided and often curved as in *B. actinacantha* and a few others. For the purpose of this article the group with pinnate leaves, often referred to another genus under the name of Mahonia, may be included. These are all evergreen and without spines.

In this era of quarantine regulations many Barberries are banned from cultivation in certain parts of this country. Some like *B. vulgaris* are the host of one stage in the life-history of a Fungus which causes the rust on wheat and where this cereal is seriously cultivated it is proper that these host-plants should be kept at a safe distance. But there is no need for panic nor panic-legislation. The disease known as Rust is nothing new, neither is the knowledge that it is intimately associated with the presence of certain kinds of Barberries. The farmer of China, Europe and America knew this long before the scientist had discovered the Fungus much less worked out its remarkable life history. For we know not how many centuries the pest has been known but wheat has continued to be none the less successfully grown. Those fond of history may have heard that on January 13, 1755, there was published " The Barberry law of Massachusetts entitled 'An Act to prevent damage to English Grain arising from Barberry bushes' "—"Whereas it has been found by experience that the blasting of wheat and other English grains is often occasioned by Barberry bushes to the great loss and damage of the inhabitants of the province:

(*Continued on page* 110)





A flowering branch of the lovely Berberis Julianae, yellow flowers and rigid branches followed by showy fruit

(Left) Mahoberberis Nieubertii is a hybrid between the Oregon Grape and the common Barberry of the mountains

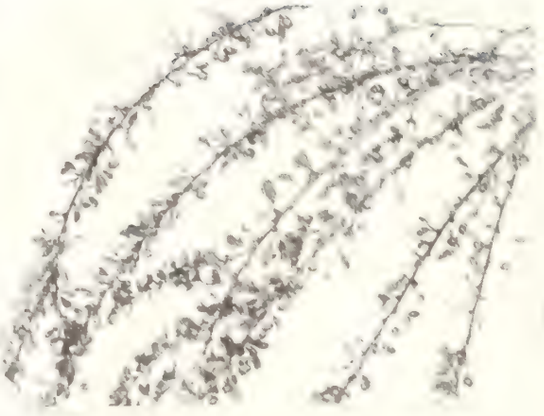
(Right) The hardiest of evergreen Barberries is Berberis Julianae, with rigid branches and shining green leaves









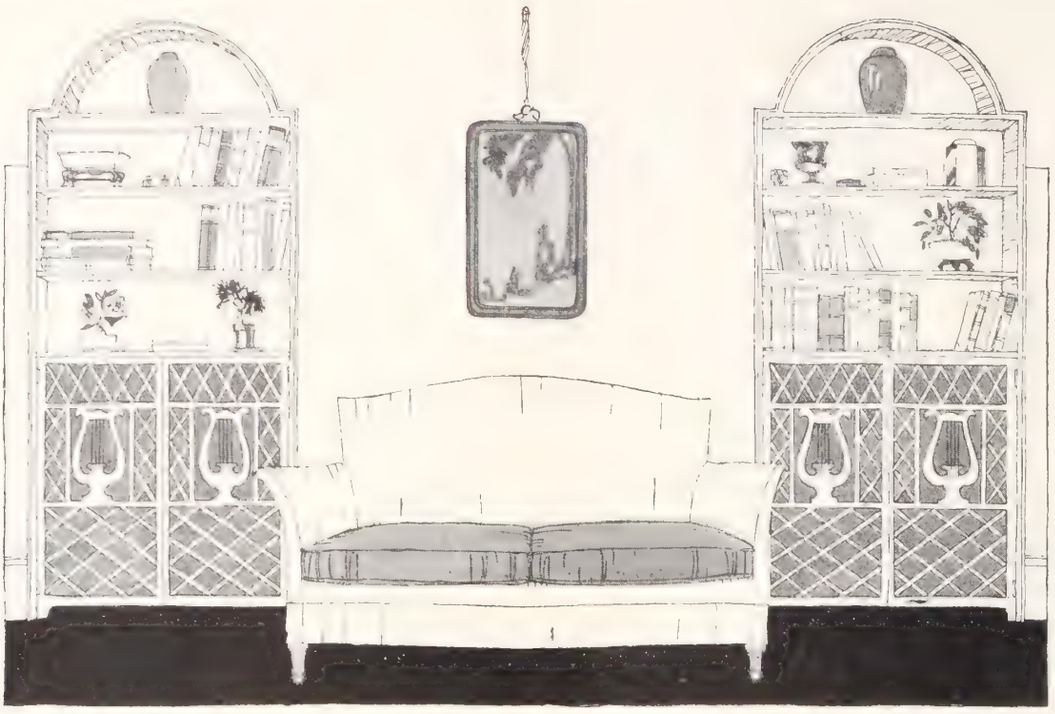




This shrub was introduced by the Arnold Arboretum

leaves. Its fruit is

racemes. China is its native heath. It is suitable for either massed or specimen planting



In place of disfiguring the side wall, the radiator in the dining room above is placed in the lower portion of a corner cupboard. The opening at the bottom and the grille above the doors allow for air circulation

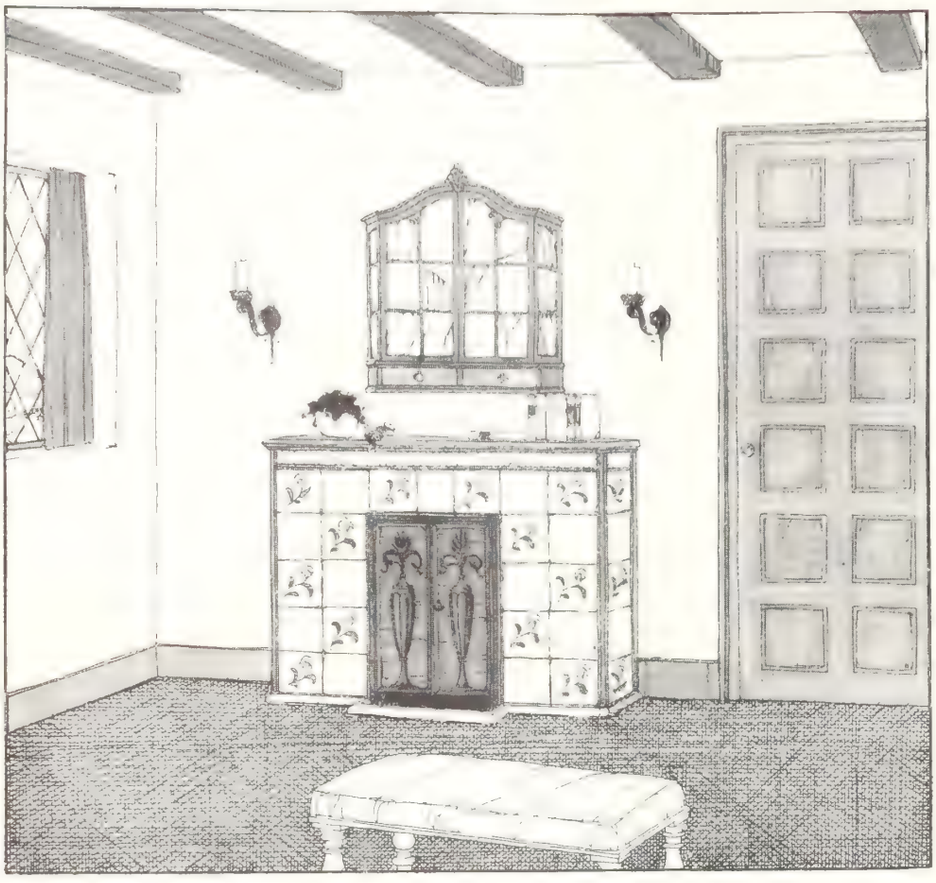
Radiator at the best is an unsightly thing and invariably detracts from the appearance of a room. Placed beneath bookshelves lined with asbestos it may be successfully concealed by a wood lattice with a decorative lyre shaped motif in the center. Designed by Harry C. Richardson





A radiator in a recessed window is concealed with a metal grille and flanked by built-in bookcases. Grilles in bronze, brass or ivory white finish come in square, diagonal and period patterns. Tuttle & Bailey

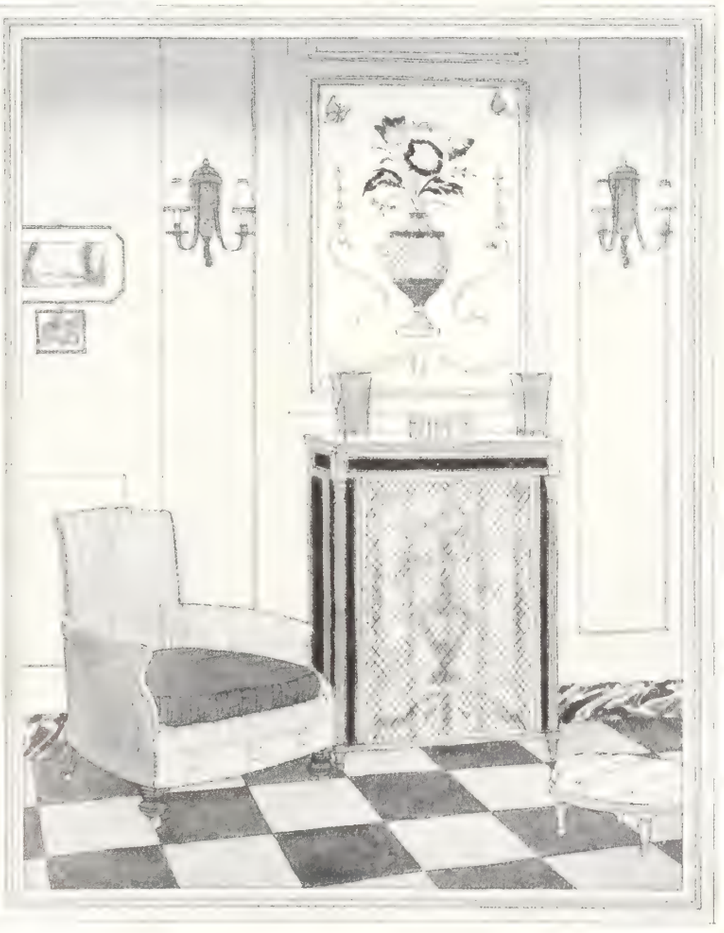
When a radiator protrudes into the room, as in the sunroom at the left, it is rendered less conspicuous by an enclosure of metal grilles painted the same color as the walls. The top may be used to hold plants



One would never suspect that the quaint, gaily colored tile stove above conceals a modern radiator. The doors, with their decorative openwork design, are of cast iron. Designed by Harry C. Richardson



In the bedroom above a radiator was boxed at the sides, was covered with an asbestos lined board and converted into a commodious dressing table that has been hung in apple green organdie. Chapin, Harper & Dutel were the decorators



In [illegible] the radiator may be enclosed in a cabinet on Directoire lines. The front is wire netting backed by a fabric [illegible] scheme of the room

SUGGESTIONS FOR CONCEALING THE RADIATOR

AN OUTLINE OF OUTLETS

Electric Wiring Wisdom Depends Greatly Upon the Proper Location of Connections and the Placing of Switches

DONALD M. FORFAR, M. E.

THE electrical home, how often one hears the term. A home equipped with a system of wiring and electrical outlets arranged to provide for good lighting so that the greatest use may be made of the many time and labor saving, comfort bringing electrical appliances of the present day. Much of our leisure time is spent in the home, hence the very natural desire to make it as comfortable as possible. The subject of a proper and adequate electrical installation should therefore receive close attention from every home owner, architect and builder.

Now, just what constitutes a proper and adequate electrical installation? There are no hide-bound rules covering this question as each home presents its own particular problems. What might be considered proper for one abode would possibly be considered overdone or inadequate for another. Generally speaking, however, there are certain essentials common to all installations and it is only in the magnitude thereof that differences exist.

Grades of material used by contractors, such as wire, conduit connection boxes, cabinets, etc., and the manner of installation are all pretty well covered as to minimum requirements by the various local ordinances, which also provide for a certain amount of inspection work.

There is the question of the main lighting and switch outlets and their locations. A careful study of the house plans should be made and, preferably, in conjunction with someone more or less familiar with electrical layouts and house requirements. You will want certain of your lighting outlets controlled from more than one point so that a person may pass on through from, say, front to rear or up or down, lighting the way ahead and darkening the way behind without any retracing of steps. Also there will be occasions when brilliant lighting should be had in the main rooms as opposed to the more subdued effects generally desired. This flexibility can be obtained by proper grouping of outlets and switching arrangement.

RECEPTACLE outlets located at various points for convenient plugging in of portable lamps or other electrical devices should be provided for. These plug-in outlets have become known quite generally by the term "convenience outlet" and are referred to as such by electrical dealers. New electrical devices particularly adaptable to the home are constantly being put on the market and a few extra "convenience outlets" scattered here and there will never cause regret.

Remember that the cost of adding extra outlets after building operations have ceased will be more than double what the cost would have been if added at the time the main electrical system was being installed. The solution is to provide plenty of receptacles of the wall, baseboard or floor types for the convenient location and connection of portable lamps and other electrical appliances.

Provisions should also be made for complete electric cooking. An electric range requires a heavy, special circuit and the conduit, at least, for this circuit should be installed at the time of building as it can be done then at much less expense than later. This permits the installation of the wiring proper at any convenient time.

WITH the electrical outlet and switch locations all fixed, the next step is the proper layout of the wiring system to these outlets. The maximum load or capacity, expressed in the electrical term "watts," which any one outlet may be called upon to serve, is either known definitely or is approximated. One or more outlets are then connected up together to form a circuit. A circuit is the electrical term for a wire loop that runs from a fuse cabinet or box to one or more outlets and thence back to the fuse box, proper side connections and loops being made from the outlets to their controlling switches as required. Ordinances in various sections of the country differ somewhat as to the maximum allowable watts per circuit, but the generally accepted value now used is 1000.

The circuits as initially laid out may be pretty well loaded up and hence the addition of extra outlets to a circuit after the wiring is in place may mean that the circuit will be overloaded with resultant annoyance due to fuse blowouts.

A main service cutout switch of the knife blade type and main fuses are provided generally in a separate cabinet and constitute the connecting link between the outside service wires and the fuse cabinet or box above mentioned.

In drawing up the electrical layout provision should be made for carrying telephone wires to point where telephone instrument will be located. This is generally accomplished by running a conduit from basement up point or points where the instruments are to be installed and there terminate in outlet box with bushed wall plate ready for wiring installation by the telephone company.

Having decided on the locations of outlets and scheme of distribution for the various circuits, we come to the selection of the special devices such as fuse cabinet, switches, plug receptacles, etc.

First, with regard to the fuse cabinet. As hereinbefore stated, this is the point where all circuits start and terminate, where all fuses are located for protection of the circuits from overload, in fact, it is virtually the heart of the whole electrical system and is the point where we must look for trouble, whenever the supply of current fails in any portion of the house.

In the past the tendency for house systems has been to install the open type porcelain fuse blocks with open wiring, all placed within a steel cabinet. Costs had to be kept down and this type of installation was the best the average house could afford. In the home, however, where the women and children often find it necessary to look for and replace burnt-out fuses, the real need of some arrangement whereby maximum protection will be afforded at small cost has long been recognized. To meet this demand various electrical companies have placed upon the market small compact panel fuse boards all mounted for installation in steel cabinets and arranged such that fuses may be readily taken out and replaced without danger of the hand coming in contact with live parts, which would mean a shock and possibly a severe burn. This type of panel is known to the electrical trade as the "Safety" type and can now be installed at but little additional cost over the old porcelain block affair. These safety type panels may also be arranged with push button or tumble switch cutouts for each fused circuit, if so desired. The cost with separate switches is naturally greater, but in the writer's opinion it is a desirable addition from the standpoint of control, safety and convenience in finding blown fuses.

OF the switches for control of lights in the various rooms, there is the single pole, three way and four way types, all of which may be the push button pattern or the tumbler pattern. The tumbler pattern switch has during the past two or three years come into great favor due in part to its very neat appearance and in part to its ease of operation. A child reaching up to

(*Continued on page* 102)

FLOOR CLEANERS AND POLISHERS

New Labor Saving Devices for the Modern House Which Almost Effortlessly Perform Difficult Tasks

ETHEL R. PEYSER

IT had to come—it was as inevitable as sunset! The floor machine that scrubs, waxes, sandpapers and polishes is born! And one of the greatest burdens of home management has been lifted.

The floor machine as it exists today is a device so unlike the suction cleaner as to forbid comparison. Yet it does for scrubbing and polishing what the cleaner does for sweeping and dusting. It saves the back and it saves the knees—and it takes the "chore" out of floor scrubbing—the most menial of the household processes. In other words it is responsible for eliminating the disease that Jerome K. Jerome likes to call "Housemaid's Knee," for no longer is floor cleaning in a genuflexing media but is in the erect, standing-on-two-feet classification.



This floor machine, fitted with proper brushes, scrubs, waxes and polishes quickly, quietly and thoroughly

This is a tremendous gain in home economies and economics. It means again, as with the advent of each new piece of machinery, the elimination of another human servitor—or part (time) of one as is so customary today in this sparsely servanted era!

And so the floor machine caps the climax of the Domestic Industrial Revolution—the Revolution which has occurred in the home—by giving more of the menial work to skillful machines to do.

The floor cleaner and polisher, then, is a machine—at a distance looking somewhat like the suction cleaner—a bigger floor piece than the cleaner, a long handle, a wire for attachment to the electric convenience outlet and the tools, or brush attachments, one for scrubbing, another for refinishing, another for wax polishing, etc.

In the floor piece, which is round, is the motor, which can be bought for alternating or direct current. In it too are the brushes which are interchangeable and include those for scrubbing, polishing, scraping, as well as the pads for waxing.

In the floor piece of some polishing machines is the wax receptacle, while in others the wax must be applied to the floor "by hand" as it were.

The "by hand" waxer is a lighter machine and is better adapted to home use although the lighter and heavier types need no pushing—only steering, as the brushes carry them along.

These polishers are all heavier than vacuum cleaners because it is necessary in scraping, polishing, waxing, to have pressure on the floor. But as they roll from room to room on small wheels the weight of the machines is not noticed.

Pressure and speed of brushes are necessary, which translated: is elbow grease, or the effort which has made floor scrubbing a torture since the time floors were first scrubbed. So the polishers must be heavy to function well, and they do.

The efficacy of spreading wax on linoleum depends upon its penetration into the pores of the linoleum. To preserve the linoleum beautifully the wax *must* reach deeply into the pores. The floor machine can do this far more effectively than the human arm. And furthermore no excess wax is wasted to make the floor grimy and sticky and gather dust. It saves wax because it spreads it evenly, well and deeply.

To keep wood floors in a constant state of polish and beauty, the machine is without equal for swift work, thoroughness and for finesse.

This device is so built as to get into small spaces, between things, and under things,

(*Continued on page* 106)

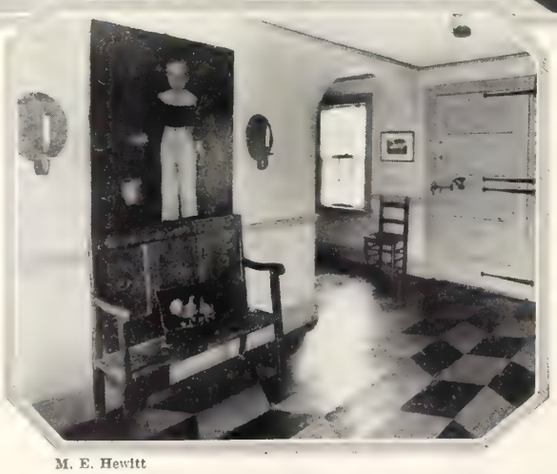


The rotating brushes have a flare which makes it possible to clean and polish right up to the baseboards



Gillies

The free-standing stair is one of the noblest of architectural efforts. It has been successfully placed in the house of J. H. Carstairs, Ardmore, Pa.; John Russell Pope, architect



M. E. Hewitt

Among the features of the hallway in this Massachusetts country house is the floor, laid out in an unusual and irregular lozenge pattern and giving diversity to this chaste interior

ELABORATE AND SIMPLE HALLWAYS

For A Diversity Of Houses



In the small house the employment of a dominant color, especially a pale one, in several rooms and in the main approach to them, gives a sense of space. This enlarging atmosphere has been gained here by painting the walls and woodwork and stairs a pale gray

Enclosed stairs are quite common in old country houses. They can be made further interesting by using the same wall treatment on the stair walls as is in the hallway. Decorations by R. H. Macy & Co.



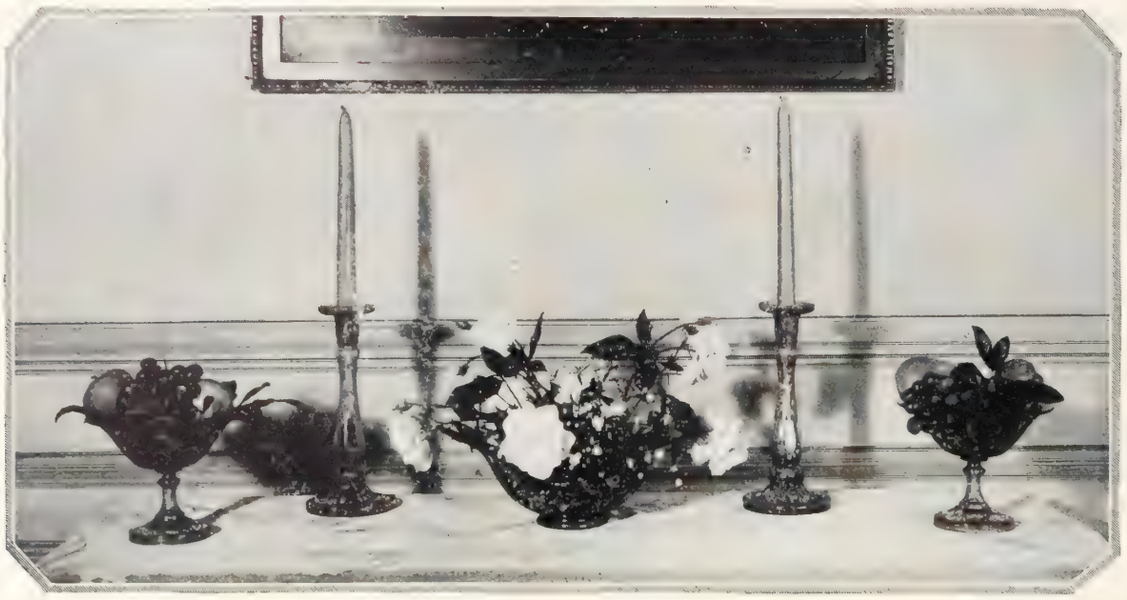


M. E. Hewitt

The entrance hall in the home of Mrs. A. L. Gates at Locust Valley, L. I. shows a circular stairs which is not free standing, since one side is attached to the wall. Its form, however, is pleasing and can be recommended for small houses. Walker & Gillette, architects



Another form of stairs is the type that is partially free standing. This example, from a house in London, shows the balusters on the farther side stopping when the curve reaches the wall, although the handrail is continued.



The Czecho-Slovakian glass above is a lovely powder blue color combined with clear crystal. The console set consisting of candlesticks, bowl and comports may be purchased for $35.50



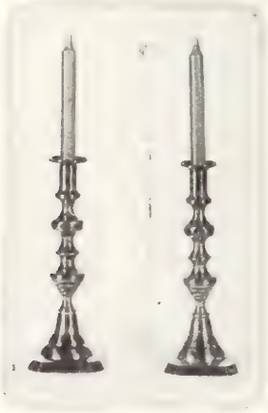
Above is an unusual red lacquer cigarette box with a quaint Chinese design in gold and black on the cover, and flower motifs on the sides. It is 5 inches long, $5.25



This shade for a bridge lamp is made of black and gold polka dot paper decorated with an old map and bound in lacquer red, $18.50. Iron lamp in red and gold, $12.50



The commodious portfolio above is covered in marbleized paper and decorated on one side with an old French print in colors. It is 16 inches long and 12 wide, $5.25



For a living room, library or man's room comes an attractive pair of brass candlesticks in an interesting old English design. $8.25 a pair. 11 inches high



An excellent copy of a Normandy chair with delicate, turned legs and decorative carving is walnut with a rush seat, $45.25



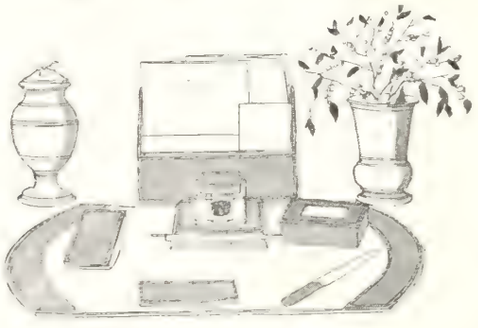
The low bowl above in opaque jade or rose colored glass is $3.25. 5 inches wide. Teakwood stand $2.25. A twist optic glass vase for one flower may be had in green, amber or blue, $2.75



The articles on these two pages may be purchased through the HOUSE & GARDEN *Shopping Service, 19 West 44th Street, New York City. A slight service charge is included in the prices*

At the left is an unusually effective lamp with a black marbleized base and a pale green or peach colored parchment shade decorated with bias strips of Italian paper. $26.75 complete. 18 inches high. The amber glass flower bowl, 4½ inches high, is $3.75

A leather desk set in blue, rose, tan or purple, with gold tooling, is $20.50. Pottery vase in cream, green, turquoise, yellow or mauve, 7 inches high. Cream colored pottery jar with cover, $7.25



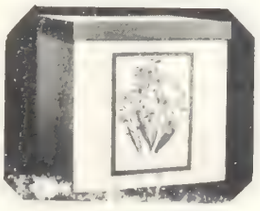
The attractive scrap basket below is covered in marbleized paper in delicate rose and blue tones, lined with paper like a peppermint stick and decorated on one side with an old, colored map, priced at $14.50

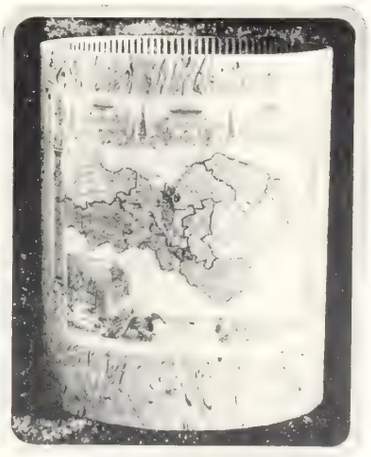
SEEN IN THE SHOPS



Because of its interesting shape this glass vase would be effective on a mantel. It is 7 inches wide and may be had in green or amber. The price is $3.75







A bag for evening stockings is covered in latticed or flowered glazed chintz, decorated with a colored flower print. It is lined with plain

The GARDENER'S CALENDAR *for* JANUARY



W. R. DYKES

The secretary of the Royal Horticulture Society and a widely known Iris author and fancier



Rev. WILLIAM EWBANK

A splendid figure of an English amateur gardener. A well known Tulip has been named for him

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
This Calendar of the gardener's labors is designed as a reminder for his seasonal tasks. Though planned for the Middle States it should fit the whole country if for every hundred miles north or south garden operations be retarded or advanced five to seven days		*I dream'd that as I wander'd by the way* *Bare Winter suddenly was changed to Spring,* *And gentle odours led my steps astray,* *Mix'd with a sound of waters murmuring.* SHELLEY		1. Nitrate of soda is one of the best plant invigorators that we have. It must not be used exclusively as it is not a balanced food; but to hasten growth and increase root action it is indispensable if used properly.	2. Start the year right by making an inventory of your garden supplies. Tools, fertilizers, seeds and other necessities should be listed and orders placed early where new ones are required. Be sure your list is complete.	3. It is quite safe now to force any of the bulbous plants that have been buried long enough to have built up a substantial rooting system. Most of these bulbous plants call for low temperature and plenty of water.
4. Have you ever thought seriously of the advantages of an orchard? Don't reason that it takes too long to grow a productive orchard—if our forefathers had felt that way about it, we should be the losers. Start one this year.	5. The greenhouse plants must be sprayed frequently with a strong force of water to keep the red spider in check. This is one of our worst greenhouse pests if neglected, yet the easiest of all to keep under control.	6. The soil in the growing beds in the greenhouse should be top-dressed with a mixture of equal parts of turfy loam and sheep manure. This should be scratched into surface with rake or claw, then thoroughly watered.	7. Make a blue-print of your garden and lay out the crops in proper rotation. A planting plan that has been well studied out will save time and space, and certainly increase the yield of the garden the coming season.	8. Do not postpone the ordering of your garden seeds — make the order out now. If you have made the proper garden notes this will bean easy task. Our advice to expert as well as beginner is to buy the best quality.	9. Roses and carnations must be kept disbudded if you want high quality flowers. It is important that this be attended to when the buds are small, in order to conserve the strength of the plants and concentrate it in the blossoms.	10. The soil in the house-plant pots should be top-dressed with sheep manure or some of the regular plant foods that come for the purpose. And do not forget to sponge the foliage frequently with insecticide.
11. Specimen trees of all kinds can be easily transplanted if they are cut out with fair-sized balls of earth and allowed to freeze before handling. This is a very safe method of handling subjects of this class.	12. The garden furniture should be painted while it is stored for the winter. All tools that are left out during the growing season should also be painted. This is much better than frequently buying new ones as replacements.	13. This is the logical time to plan a small fruit garden comprising blackberries, raspberries, dewberries, currants, gooseberies, and strawberries. It may be located at one side of the garden or entirely separated.	14. In case of severe freezing weather, don't fail to pile plenty of leaves on the vegetable trenches to protect them from the frost. Always keep tar-paper over the leaves, to keep out the water. If any gets in the frost will follow.	15. Trees that are covered with moss can be easily cleaned by scrubbing with wire brushes, or spraying with a light solution of caustic soda. Damp weather is the best time for the former method of treatment.	16. The soil on top of the benches and pots in the greenhouse should be kept stirred constantly. Plants that are being forced suffer because of lack of air, the supply of which can be increased by cultivation.	17. All hardy hard-wooded plants such as lilacs, wistaria, deutzia, etc., may now be brought into the warm greenhouse. Keep the wood well moistened by frequent sprayings until the buds start to open along the steme.
18. Destroy all caterpillar nests on the trees. An asbestos torch is a good tool for the work, although one made of burlap and soaked in kerosene so as to burn will answer every practical requirement of use.	19. Seed sowing time will soon be here. Have you all the material ready—soil which has been screened, sand, stones or broken flower pots for drainage, moss, boxes, seed pans, label sticks, etc.? If not, better get them at once.	20. What about the pergola you have been considering so long. You might as well order the arbor and vines at the same time, which means now. Bear in mind that goods may be scarce, and that orders are filled in turn.	21. Why not buy some houses for the birds, those never-tiring friends of the gardener. Rustic ones are practical and ornamental, and there are other good styles. They should be put up before spring opens.	22. Do not scrape loose bark from trees with a scraper; it is impossible to get into all the crevices, and much live bark is removed in the operation. In this way more harm than good will be the probable final result.	23. All edged tools should be gone over and sharpened for the coming season. New handles should be placed in tools that require them, and the lawn-mowers should be overhauled while you have ample time to do it right.	24. One of our finest salad vegetables is what we call chicory or French endive. From mature roots this plant is easily forced in any warm house cellar or under the benches in the greenhouse. It yields abundantly.
25. Why not get the manure carted into the garden while the ground is still frozen. This is sometimes left until spring, and then the paths and borders are torn up unnecessarily by the wagons and horses going back and forth.	26. Pea brush, bean poles, etc., may be gathered any time now and stacked away for use at the proper time Their butts should be properly pointed with an axe to save work later on in the season when time presses.	27. Now is the time to order garden furnishings — a settee, an arched arbor, a sundial or urn. Somewhere on your grounds there is a point which can be made more attractive, more interesting by adding one of these.	28. Rhubarb may be grown successfully under the benches in the greenhouse, or in the cellar of the dwelling. Lift good-sized clumps from the garden and plant them in light soil, keeping the tops dark until they develop.	29. Preparation should be made to re-pot all exotic plants, as they will soon begin active growth. Use plenty of drainage in the bottom of the pot and have the soil so that it will not become sodden if over-watered by mistake.	30. Why not order or build some forcing frames to help the garden along this season. You will be surprised to find how easily they can be constructed and how much better garden you will have by using them consistently.	31. Cut branches of any of the early flowering shrubs such as pussy-willow, fire bush, golden bell etc., will flower if placed in jars of water in a warm room. A little later, cherry and apple can be forced.



HUGH DICKSON

An English authority on the Rose, and a breeder and grower who has made a world wide reputation



WILLIAM PAUL

An English Rose expert whose many well-known creations include the famous Scarlet Climber



ELLEN WILLMOTT

A great English horticulturist; an Iris authority after whom a familiar Iris has been named



LEONHARD FUCHS

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SIR HARRY J. VEITCH

One of the most important of English nurserymen, whose name figures in many plant varieties



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Whitman's Chocolates are *not* "sold everywhere."

We endeavor to serve the candy-loving public by establishing a sales agency in every neighborhood, but all these agencies are *selected* and each one is supplied *direct* with our candies—not through a middleman.

The Whitman agency is usually the leading drug store, because the drug store nowadays is one of the most progressive service stations of the public.

You may expect good service in every store that shows the sign of a Whitman sales agency. You may count upon receiving perfect chocolates there, in perfect condition. You may go into any Whitman agency, even in remote parts of the country, and buy candy with confidence.

The agent is authorized to give the broadest possible guarantee of satisfaction with every package of Whitman's he sells. Our printed guarantee covers every Whitman product.

It is in the interest of better candy in better condition that we confine the sale of Whitman's to one convenient store in every neighborhood. It is worth the while of any candy-lover to find that store and specify *Whitman's.*

Then at the critical moment, when the package is opened, it will prove your *good judgment* as well as your *good intentions.*

Whether you select The Sampler, The Fussy Package, The Pleasure Island, Salmagundi, or any other of the Quality Group, you may rest assured that your good taste is unquestionable.



Send for *"Samplers Old and New"* an illustrated booklet, sent with our compliments, telling of the revival of an art of olden times. With it we send a book *"On Choosing Chocolates,"* with illustrations.

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To the Irish Wolfhound belongs a remarkable combination of great size, majestic power and splendidly reliable disposition

SOME DOGS FOR THE LARGE ESTATE

ROBERT S. LEMMON

LOOKING at the matter from a physical standpoint, the logical home for a really big dog is one whose proportions are commensurate with his own large size. Just as a magnificent Great Dane or a Borzoi cooped up in narrow quarters is one of life's pathetic pictures, so is that same canine giant in spacious surroundings a gloriously satisfying sight. It's just another case of fitting the reward to the performance, the peg to the hole, or any other appropriate simile that may occur to you.

That is the obvious side of the situation; when one considers its less apparent phases one finds that the size-for-size argument is still further strengthened. Before we go into a discussion of the specific breeds, it may be well to look more deeply into the situation as it affects them all more or less.

A large dog needs ample space if he is to enjoy that amount of exercise which is a requisite to good health and spirits. Whereas a terrier can work up a good glow of health (if dogs can be said to have glows of that sort!) by romping around the backyard or even by pursuing the cat among the intricacies of the living room furniture, something comparable to an acre or more is needful to induce a corresponding state of stimulation in a St. Bernard. You *can* keep the latter, or one of the other extremely large breeds, in the backyard home, but it isn't the place for him to be at his best.

And then there is the question of appearance. A very large dog looks best where a general sense of all-outdoors prevails. He is a fitting ornament to a good-sized estate, for there he is in proper scale with his environment. One need not be a great stickler for form to appreciate this.

Among the extremely large breeds the St. Bernard is one of the most impressive and, perhaps, the best known. His is an ancient race, associated for many years with the Hospice of S Bernard in the Alps and, in the mir of the world, with the rescue of tra elers lost in the mountain passes. connection with this traditional use the St. Bernard, the following excer from the writings of Mr. W. Hughes-Hughes, a prominent Engli fancier of the breed in the late Eigh ies, is of interest:

"The position of the drifts is often altered by furious gales of wir which remove them from one spot ar heap them up in another, that the mo experienced of the monks cannot te where it is safe to tread. In this eme gency the instinct of the dog is infal ible. On every winter morning o dog and one monk go down each si of the pass to escort to the Hospice t travellers who have been passing t night at the refuge below. The d goes in front and the monk follows its steps and is never led astray."

Is it any wonder that the St. Berna is famously dependable as a friend a companion?

Of almost equal size and similar steadfast devotion is that other shagg giant, the Newfoundland. Not wit out good cause has he won his repu tion for unswerving faithfulness an above all, for perfection as a children guardian. He hails originally fro the island of Newfoundland, and f many years enjoined marked popula ity far outside of his native home. is gratifying to note that the une plained lapse of public recognitio which came his way in the last deca or so has not prevented several reliab kennels from perpetuating the bree for the Newfoundland is a splendi dog and should be retained.

Quite different in appearance is t Great Dane, a smooth-coated, migh fellow of which anyone may well proud. To his friends (and they a many) he is all that a dog could be- intelligent, loyal, superb in that bi

(*Continued on page 90*)



FOR EVERY BED IN THE HOUSE

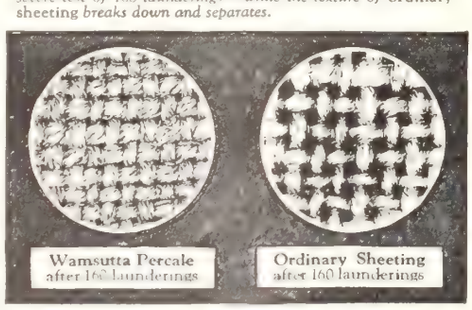
FINE — for the guest room that is your pride
STRONG — for the rough wear of the nursery

THEIR mothers and grandmothers have handed down such a tradition of the *fineness* of Wamsutta Percale that some women find it hard to realize how wonderfully it wears. The firm weave, smooth unwrinkled texture and pure white finish give a loveliness to Wamsutta Percale sheets and pillow cases that almost belies their strength.

Yet when Prof. Millard made his famous laundry test of 24 well-known brands of sheets, he proved that Wamsutta Percale at the end of 160 washings was stronger than any of the others. Beautiful and strong after the equivalent of six years' home use, Wamsutta Percale was ready for even more years of service.

Wamsutta Percale is ideal for continuous use on all your beds. With the new Wamsutta Tape Selvedge adding further to their durability, these exquisite sheets are replacing expensive linen. They are lovelier than fine linen, yet cost considerably less; and not much more than ordinary cotton. For the bride's hope-chest, for every gift occasion Wamsutta Percale is most appropriate—especially when embroidered or monogrammed. At the best stores in all sizes—plain, hemstitched or scalloped.

The enlarged microscopic photographs below show how the finely woven texture of Wamsutta Percale *is unharmed after the severe test of 160 launderings—while the texture of* ordinary sheeting *breaks down and separates.*



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RIDLEY WATTS & CO., *Selling Agents,* 44 Leonard St., N.Y.

This is the month of white goods sales. Do not judge values by price alone—look for the Wamsutta Percale green and gold label—your guarantee of the finest quality. Wherever you see Wamsutta Percale advertised be sure to lay in a season's supply. You will save money by doing so.

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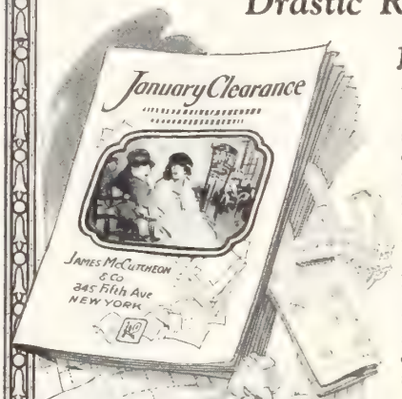
WAMSUTTA MILLS ALSO MAKE WAMSUTTA NAINSOOK, LUSTERSHEER, LINGERIE, WAMSUTTA UNDERWEAR CLOTH, AND WAMSUTTA OXFORD

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This January Clearance Sale affords an opportunity to secure McCutcheon merchandise at the lowest possible prices. For McCutcheon's is getting ready to move to their new building at 49th Street and Fifth Avenue.

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Each side of the south drive has been curbed, sodded and planted to annuals and perennials. Flowers here relieve the grim walls of the execution chamber

THE GARDEN BETWEEN WALL

(Continued from page 73)

Spruce trees purchased by generous friends from a nearby nurseryman, also Japanese Maples, Arbor Vitae, Magnolias, Chinese Thuya and Juniper, Swiss Mountain Pine, Norway Spruce, Retinispora, Douglas Firs and two hundred flowering shrubs.

The bulbs, so they say at Sing Sing, came as a direct answer to prayer. The chaplain was asked to pray for bulbs and forty-eight hours later a bulb importer on Long Island wrote that he was sending five hundred, another fifteen hundred, another two thousand, and so on in dizzy succession.

That winter the warden installed a greenhouse, built it against the walls of what had been the execution chamber. A generous woman who wa closing her estate sent enough plan to fill this, and friends and friend nurserymen added to its stock. Th following spring the south gate are was planted to a big circular bed e Canna, and around the edge wer French hybrid Lilacs sent by a ger erous nurseryman in Pennsylvania an the Superintendent of Highland Par in Rochester, and against the wal were planted about two hundre Dahlias.

Since there is no limit to dream this beginning bred another ambitio —to take the central area between th new herbaceous border and the fa tories for a Rose garden. Again th

(Continued on page 94)



A glimpse of the south gate garden and the first of the greenhouses, built against the wall of the abandoned execution chamber



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127-in. W.B. 75 H.P.

7-Pass. Duplex-Phaeton	$1875
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DISTINGUISHED without being ostentatious, long lined and rakish without sacrificing the superlative in good taste; tremendously powerful, yet instantly alert to the slightest touch of accelerator or wheel, the new Studebaker Big Six Sedan embodies everything one can want in a motor car.

Every accessory bespeaks supreme luxury, every beautiful detail of finish and upholstery, every delicate blend of color and fitting expresses silently the wishes of the cultured. Nothing has been omitted, no smart touch forgotten—a car with the social background so immeasurably important in modern life.

There is no car, foreign or American, that surpasses it in beauty, comfort, performance, long life. Its price is low simply because of Studebaker's uniquely fortunate manufacturing facilities.

Extra balloon tire, tube, tire cover. Handsome nickel-plated bumper, front and rear. Lights controlled from switch on steering wheel. Automatic spark control eliminates spark lever. Motometer and winged radiator cap. One-piece windshield, glare-proof visor, automatic windshield cleaner, rear-view mirror. Heater. Dome and corner lights, extension lamp. Step pads. Kick plates. Gasoline gauge. Studebaker hydraulic four-wheel brakes optional equipment.

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The Richardson Multicrome Roof in opal, as it would appear on the Model house built by The House Beautiful Publishing Company, in Boston

The OPAL roof

—another Richardson contribution toward more beautiful homes

You will find in this newest Richardson roof an exclusive new coloring—*opal*—to add still greater beauty to your home.

The opal roof is formed by a skillful blending on each shingle of the two most beautiful Richardson colors in slate, weathered brown and jade green.

Applied just as they come from the bundle, these new opal shingles give to your roof a coloring like that of sunlight filtered through dancing leaves on a fresh spring lawn.

Architects, home owners and builders who have seen this roof are enthusiastic over its coloring of distinctive beauty. And they agree that the opal color combination in Richardson Multicrome Roofs is a real contribution toward more beautiful homes.

The Richardson Multicrome Roof

This, however, is but one example of the beauty secured in the Richardson Multicrome Roof. Equally distinctive is the bronze mosaic coloring, formed in the same manner with weathered brown and tile red slate flakes. Many color effects are possible—one to please every taste. The rare weathered brown, for instance, is attractive when applied with other Richardson Shingles of jade green, tile red or black pearl.

The Multicrome Roof is built of Richardson Super-Giant Shingles, extra large, extra heavy—to give greater beauty, longer endurance. The high quality of its inner materials, too, assures lasting beauty for this roof. Its base is sturdy Richardson felt, for fifty years recognized as the best. And the waterproofing is Viskalt—unusually durable because 99.8% pure bitumen, especially vacuum-processed.

The Richardson Multicrome Roof represents the maximum roof value at a moderate price. It is economical to lay and equally good for new or over-the-old-roof jobs.

Prove the facts yourself

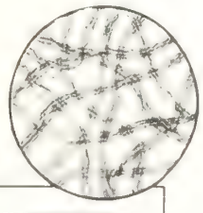
Go to your nearest dealer in lumber, hardware or building material and ask to see the color combinations in Richardson Multicrome Roofs. Also ask him to show you the reasons for their unusual endurance.

Meanwhile send for our beautiful new booklet, *Roofs of Distinction*, showing the exclusive color combinations of Richardson slate surfacing. Or ask for our booklet, *Roofing on the Farm*. Mail the coupon now.

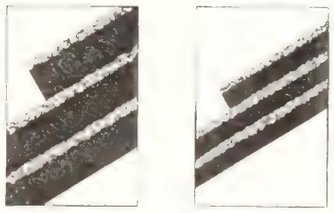
The RICHARDSON COMPANY
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Note under the microscope how the long fibres of Richardson felt interlock to bind the Viskalt into an enduring weatherproof armor



The 50% greater thickness of this roof adds beauty of texture and years of endurance. Closely over-lapping slate flakes further protect the sturdy Viskalt-saturated base against weather and fire hazards



Richardson Multicrome Roof **Ordinary Roof**

cross sections equally enlarged

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California White Pine and California Sugar Pine are woods endowed by Nature with physical characteristics that make them unusually well suited to paint treatment.

California Pines are soft-textured and close even grained. Their use immediately eliminates the difficulties of hard layers or streaks, raised or wavy grain. They are readily dressed to a velvety, smooth surface, and assure a permanent, flat painted finish.

These woods are practically free from pitch and resinous substances. This eliminates, at the outset, all dangers of discoloration from oils working through the paint or enamel.

Properly seasoned, California Pines have a minimum tendency to warp, shrink or swell. This means they will "stay put"; seams and joints will not open up to leave unpainted strips exposed.

California Pines are light in color. They do not "oppose" the paint. For this reason, any color scheme may be successfully applied with an economy of time and materials—especially the prevailing light tones for interior and exterior painting.





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California Pines for the exquisite panelling, staircase and trim of the Reception Hall.

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These woods are used more than any other wood for doors, sash, millwork and interior finish. Millions of doors and window sash and frames of California Pines are annually installed in the homes of America. Send for our free illustrated booklet, "Pine Homes."

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FLOSS: "I CAN'T IMAGINE—SHE'S SO ATTRACTIVE A GIRL, TOO."



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YOUR living room table—what a world of intimate activity revolves about it! An appreciated personal significance attaches to this table—an attachment that grows through the years.

So, in the selection of this all important furnishment, choose wisely and well!

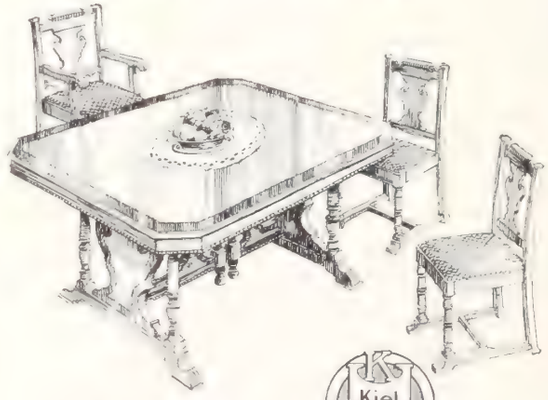
Consider Kiel Tables, with their rare artistry of design, their exquisite beauty of finish, and permanent construction. Sculptured in selected woods by master artisans who recreate with painstaking fidelity each subtle characteristic of the greatest furniture periods, Kiel Tables will bring to your home a rich legacy of enduring loveliness.

More than 4000 good furniture merchants display these superior tables at prices unusually moderate.

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Kiel TABLES



Kiel Dining Room Tables are superior in beauty of design and quality of construction. Ask your dealer to show them.

Kiel Furniture Co. GUARANTEED QUALITY



"Bloomfield Comet" is a bright pink that will climb to eight feet

A NEW RACE OF ROSES

(Continued from page 75)

has, nevertheless, demonstrated that an ever-blooming, hardy climber for the climate of the Middle Atlantic States and other districts of like cold extremes has been bred and will shortly be obtainable from nurserymen.

BLOOMFIELD ABUNDANCE. Extremely hardy. Blooms singly and in clusters. Dark to light salmon pink, fading to silvery salmon; small bud; medium sized flower; slight fragrance; lasts quite well; foliage almost perfect; growth up to five feet—continuous.

Recommended for Pacific Northwest; southern parts of Central East; Southern climates.

BLOOMFIELD CULMINATION. Extremely hardy; dark solid pink; single; of large size; foliage good; growth up to six feet on canes of current year; strong and upright; continuous.

Recommended for Central East and Southern zones, where its growth is more rampant.

BLOOMFIELD DAINTY. Hardy in Central East; bud orange yellow; sometimes smeared crimson; opens a solid canary yellow; single; averaging two inches in diameter; Pernetiana foliage immune to mildew, but lost in long growing seasons; growth up to five feet. Blooms in Central East fro June until September.

Recommended as hedge if plante in two rows in Central East.

BLOOMFIELD DECORATION. Hard in Central East; blooms in cluster single, color cerise pink with brigh yellow stamens; foliage immune t disease, and holds through long grow ing seasons. Growth up to six feet i Central East, but much greater i Southern climates. Blooms fro spring to frost in East, and ever month in the year in California.

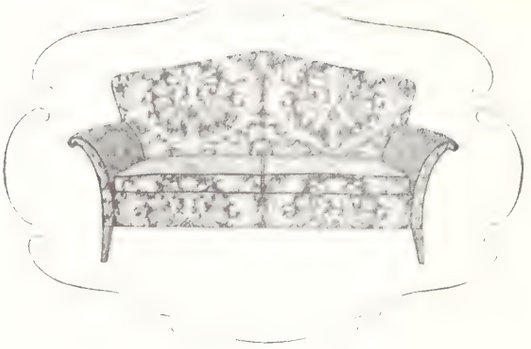
Recommended for Pacific North west, Central East and all Southern climates.

BLOOMFIELD DEFIANCE. Extremel hardy in Central East. Form an color of the flower much on the orde of Cecile Brunner; blooms continu ously in the Central East from spring to frost; growth up to eight feet blooming on old and new wood Foliage immune to disease, and hold tenaciously. Not valuable in Southern zones as it fades in strong sunlight and is not to be compared in growt and bloom to Cecile Brunner, bu valuable in the Central East, on account of its hardiness, and so recommended.

(Continued on page 100)



"Bloomfield Culmination," a hardy climber with solid dark pink flowers



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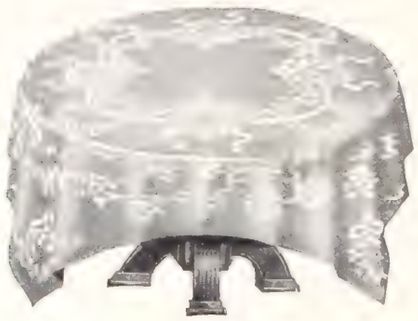


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NEAR FIFTH AVENUE



"Bloomfield Dainty" has orange yellow buds that open to a solid canary yellow

A NEW RACE OF ROSES

(Continued from page 98)

BLOOMFIELD DISCOVERY. Hardy in Central East; silver-pink bloom, deeper pink on outside of petals, copper pink bud. Diameter 3 inches; growth up to six feet.

Recommended for Central East.

BLOOMFIELD EXQUISITE. Not as hardy as balance of this class; in reality a Hybrid Tea Climber, with strong and constant climbing habit. The flower is a solid, light, clear pink, a trifle darker than the deepest shades of Caroline Testout. The bud is of nice spiral form. The open bloom is extremely double, and even when fully developed this rose is clothed to its center with petals. The perfume is of distinct loveliness; the color does not change, and the flower lasts well. The stem for cutting is often long. The greatest value of this variety is its lasting as a decorative climber. The foliage is quite resistant to mildew, and excels most Hybrid Tea Climbers in this respect. Continuous in bloom and giving a greater number than the average Hybrid Tea Climber.

Recommended for the East, with protection, the Pacific North-west and all Southern Districts.

BLOOMFIELD FASCINATION. Hardy in Central East. Double one and three-quarter inches in diameter; light yellow; good foliage; blooms until frost; growth up to five feet. In California the growth is up to fifteen feet; the foliage is held beautifully through a long season, and the variety might be called an ever-blooming Banksia.

Recommended for Southern climates as an ever-bloomer; also Central East and Pacific North-west.

BLOOMFIELD MAGIC. Hardy in Central East. Semi-double, buds salmon-pink; opens cream; growth up to six feet; blooms on old and new wood through October. Continuous.

Recommended for Central East.

BLOOMFIELD MYSTERY. Hardy in Central East. Silver-pink, with yellow tinge; single two inches in diameter; foliage good; growth up to six feet.

Recommended for Central East.

BLOOMFIELD PERFECTION. Hard in Central East; blooms singly and i clusters on old and new wood; bu pink with light orange shading, oper ing to a very double flower of large size than the balance of the doubles o the class, and of attractive form; do not ball, open loose or fade, and h perfume. The color of the ope bloom is salmon pink with a yello glow, and as it ages the color in th center often intensifies. The growth up to ten feet in California, with mar strong canes. Foliage mildew proo and holds tenaciously; blooms con tinuously, and may be used as a hedg as a single plant or as a climber.

Recommended for Central Eas Pacific North-west and Souther climates.

BLOOMFIELD PERPETUAL. Ex tremely hardy; pure white; singl large size; mild fragrance. Bus grows in Central Zone up to five fee and blooms continuously from sprin to frost; occasionally of almos climbing habit. Foliage glossy; ver free from disease. Good for massin or hedges. Not as hardy as Ros Altaica, but preferable where hard on account of continuous blooming.

Recommended for Central East, an for test in North.

BLOOMFIELD ROCKET. Absolutel hardy in Central East; single, larg size; dark pink or light red; bloom from spring to frost; growth up t eight feet. Takes several years t become established, and then a depend able, hardy, ever-blooming climber Laterals should be encouraged and to growth cut back, otherwise too spindly

Recommended for Central East an suggested for test in North.

BLOOMFIELD WANDERER. Hardy i Central East. Long orange and pink bud opening into a large single flowe of the same shades. A decorativ climber, which, on account of the sub stance of its petals, lasts well. Th foliage is thick, impervious to disease and holds. Growth in California u to 15 feet, and of sufficient growt

(Continued on page 102)



The Mason & Hamlin with the Ampico

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A NEW RACE OF ROSE

(*Continued from page 100*)

for climbing purposes in Central East. Gives a large crop of blooms in its spring burst, and scattering flowers thereafter.

Recommended for Central East, Pacific North-west and Southern climates.

CASCADIA. Hardy in Central East; light pink bud; open flower flesh, shell pink center. Blooms through the entire season. Growth up to six feet in East; much larger in Pacific Northwest, where the bloom comes in long clusters, most striking and novel. Won gold medal at City of Portland International Rose-Test Garden, 1922, scoring 96 per cent.

Recommended for Pacific Northwest and for test elsewhere.

MRS. GEORGE C. THOMAS. Hardy in Central East. Semi-double, diameter 2½ inches; color salmon pink to orange center; blooms on old and new wood; growth up to eight feet in Philadelphia; continuous from June to November. This rose won the gold medal of the City of Portland, and also the gold medal of the American Rose Society at the International Test Gardens, Portland, Oregon, in 192 An ever-blooming climbing rose.

Recommended for Pacific Nortl west and the Central East. Foliag lost in long growing seasons in the Sout

W. F. KENDRICK. (Originall called "Bloomfield Endurance.") E tremely hardy. Silver-white, wit peach-blush center; globular bu which opens to cup form; mediu size; lasts well; slight fragranc Very good foliage; fine growth an good stem. A hardy ever-bloomin pillar or decorative rose of only fa value for cutting, but with fine lastin qualities. Won silver medal at In ternational Test-Garden, at Portlan in 1920, for second best rose fo general outdoor cultivation, and firs for best rose of same type, produce by an amateur. Gave one hundred an eighty-nine blooms during this test and scored 94 per cent. Balls in cold dampness.

Recommended for southern dis tricts Pacific North-west and Centra East.

AN OUTLINE OF OUTLETS

(*Continued from page 80*)

operate a push button switch may have considerable trouble in forcing the button in, whereas the tumbler switch is operated by a knock or pull.

Single pole switches are used to control lights from one point such as in a bath room, bed room or any small room where control from one point, usually adjacent to the entry door, is satisfactory. Three way switches are used to control lights from two points. The most common use for switches of this type is in the control of stairway lighting where it is desired to turn the lights off or on, as case may be, either at the bottom of the stairs or at the top. They are also used extensively in rooms having more than one point of entry such as living rooms, dining rooms, etc. A three way switch is placed at each separate entry and in this way it is possible to pass on through the house, lighting the way ahead and darkening the way behind, a very desirable feature. Four way switches are used in connection with three way switches so that lights may be controlled not only from the points where the three way switches are located, but also at any one or number of intermediate points as may be desired. Their chief use is in stairways where the lights all the way up and down are to be controlled at each floor level, such as basement floor, first floor, second floor, etc.

Plug receptacles or convenience outlets are made in many different styles and applicable to installation in floors, walls, baseboards, etc. They are all furnished in the dead front pattern, so called because there are no live parts exposed. The standard plug receptacle is made in the single and duplex types, the duplex, as the name signifies, being arranged to accommodate two plugs at the same time. Then there are various combinations of plug receptacles with bull's eye indicating lamp, with cutout switch, with both lamp and switch, etc. The combination of receptacle with indicating bull's eye lamp is very desirable where any heating appliance, such as iron or cooking device, which does not show visibly when current is on, is used, as the light remains on as long as current is passing through the appliance. The addition of a switch to this combination allows the current to be turned on or off without pulling out the plug. There is also a combination of switch and bull's eye indicating lamp which may be used in cases where it is desirable to have some indication of whether certain out-of-way lights, which cannot be seen from the switching point, are burning. Basement lights, attic lights, porch lights, etc., are examples of this.

Install at some convenient point in basement a bell ringing type, low voltage transformer and wire up complete to electric service, to bells and to front and rear push buttons. Use different toned bells or bell and buzzer for easy distinction between front and rear signal.

It has been estimated that not less than three percent of the total cost of the house should be reserved to cover the electrical wiring installation and an additional three percent for the lighting fixtures.

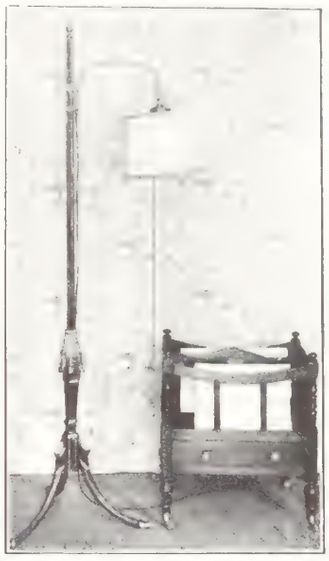
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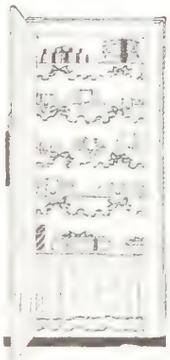
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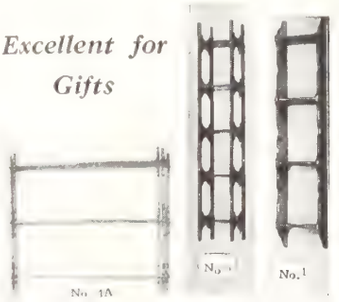


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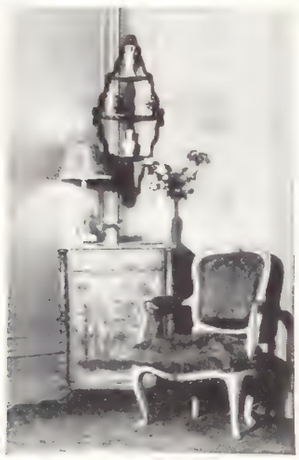
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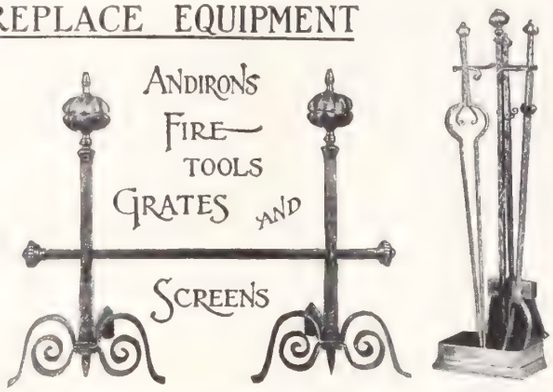
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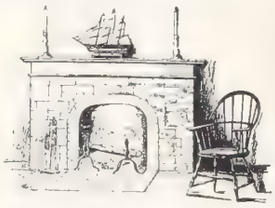
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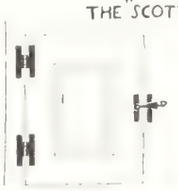
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A GATE SIGN
SPECIALLY DESIGNED
FOR YOU BY

THE "SCOTTY"
FOOTSCRAPER



HINGES & LATCH for FIREPLACE CUPBOARD

WROUGHT-IRON DOOR-KNOCKER

ASK MRS. HELD FOR THE BOOKLETS

GRINDSTONE HILL FORGE
WESTPORT CONNECTICUT

Hand Made Andirons

Beautify your fireplace with Colonial fittings

Highest Quality—Direct from Maker

ireset and andirons illustrated are and hammered, half polished steel nish, topped with brass urns old English finish. A quality set at a bargain price. Other andirons from $3 up. FREE illustrated folder on request.



No. 473—Fire set No. [illegible] in. high, [illegible] in. [illegible]

Colonial Fireplace Co.

Manufacturers of Fine Fireplace Colonial Hood - [illegible]

4613 Roosevelt Road, Chicago

Does Your Home Need A New Touch of Color?

a decorative wall panel . . . ?
a new fireside set . . . ?
candlesticks that are really unique . . . ?
a hand-wrought iron smoking set . . . ?
a bit of brilliant pottery to brighten that dark corner . . . ?

In the pages of this directory, as in the windows of the shops themselves, you see displayed a few of their specialties,—unusual, interesting, and appropriate,—things that add atmosphere to your home.

We recommend these shops to you. In them you will find many more bits of refinement.

If you cannot find just what you want, or if you want further help with any of your problems, we will be glad to have you write to the

House & Garden Information Service

19 West 44th St. *New York City*

SALE!

Annual Inventory Sale

During January

Discount

on Entire Stock

10% to 50%

Mail orders receive prompt and careful attention

RICH AND FISHER, INC.

Importers of
China, Glass and Art Wares
411 FOURTH AVE., Near 30th St.
NEW YORK, N. Y.

New Service Wagon Saves 1000 Steps!



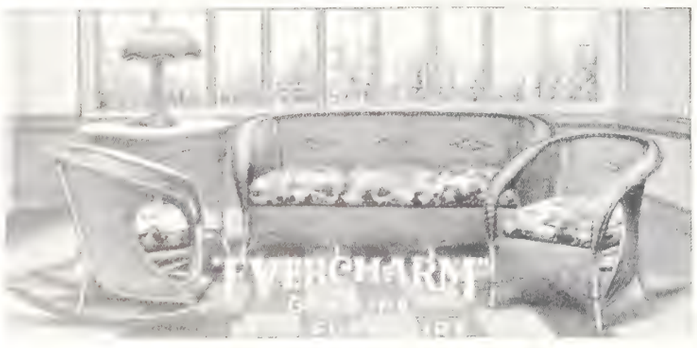
Every Home Needs One!

[illegible]

FREE

[illegible]

COMBINATION STUDIOS
504-G Cunard Bldg. Chicago, Ill.



Sun Parlor Furnishings Exclusively

It is not possible to [illegible] decorative creations and more varied selections of Reed, French Cane and Willow Furniture than are found in [illegible]

Nor is it possible to receive a more complete, efficient and courteous service than we are happy to extend to every visitor.

And, being the largest manufacturers, the cost will prove a pleasant [illegible]

50 page illustrated colortype catalogue No. 2 showing Reed and French Cane Furniture in actual decoration sent upon receipt of 50 cents postage.

THE GRAND CENTRAL WICKER SHOP, Inc.
224-226 East 42nd Street, New York City



FIREPLACE EQUIPMENT

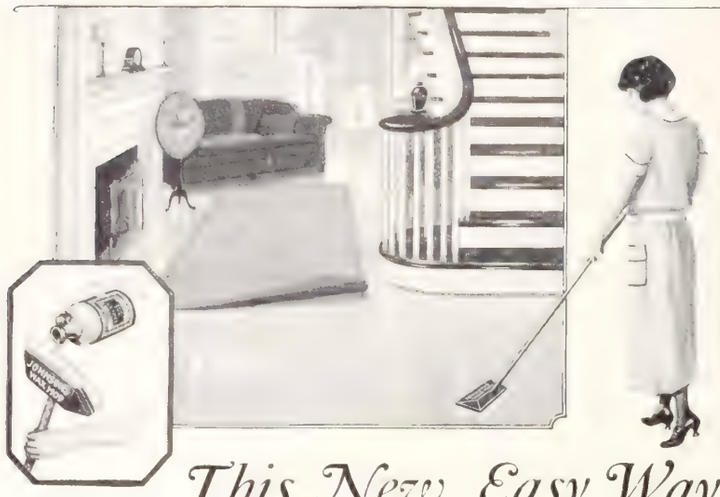
The cozy comfort of your Living Rooms [illegible] by the companionship of your log fire and of course, the fireplace must be fitted with decorative and useful equipment

Fire Screens
Andirons Fire Sets

[illegible]

HEATHER
19 West 36th Street, N. Y.

Beautiful Waxed Floors



This New, Easy Way

INTERIOR decorators agree that the beauty of a room depends largely on the beauty of its floors. For the floor is the natural background for rugs and furnishings. The finish of your floors then becomes a matter of prime importance.

There is a floor finish which has withstood the wear and ravage of centuries—the waxed finish in the beautiful castles and palaces of Europe. Perfectly preserved, this waxed wood mellows and glows with the years. You can easily have this same beautiful finish on your floors.

JOHNSON'S LIQUID WAX

Waxed floors, besides being beautiful and distinctive, have many practical advantages. They do not show scratches or heel-prints—are not slippery—the traffic spots can be easily re-waxed as they show wear, without going over the entire floor. Then too, waxed floors are economical—they eliminate costly refinishing every year or two.

The new easy way to wax floors and linoleum is with Johnson's Liquid Wax applied with a Johnson Wax Mop and polished with a Johnson Weighted Brush.

This new Johnson method makes the waxing of floors mere child's play. It takes only a few minutes—and requires no stooping. The Johnson Wax Mop has a removable lambs-wool swab which can be easily washed.

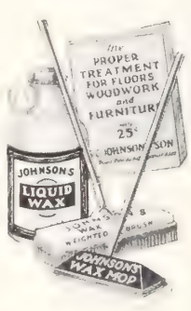
$6.65 Floor Polishing Outfit $5.00



This Outfit Consists of:

1 Quart of Johnson's Liquid Wax . . . $1.4
1 Johnson's Lambs-wool Wax Mop . . . 1.50
1 Johnson's Weighted Floor Polishing Brush 3.50
1 Johnson's Book on Home Beautifying . .25
$6.65

A Saving of $1.65!



This offer is good at department, drug, grocery, hardware and paint stores. If your dealer cannot furnish the outfit, write us for the name of the nearest dealer who can.

If you already have a mop—you can get the Weighted Brush, a quart of Johnson's Liquid Wax and the Book for $3.50—a saving of $1.65. Or any of these articles may be purchased separately.

Ask for a FREE copy of the Johnson 25c Book on Home Beautifying at your best Paint or Hardware store. Or, mail us 10c to cover postage and wrapping.

S. C. JOHNSON & SON - Dept. HG-1 - RACINE, WISCONSIN
"The Wood Finishing Authorities" (Canadian Factory: Brantford)

FLOOR CLEANERS AND POLISHERS

(Continued from page 81)

and if it "bunks" into your woodwork, it is padded and therefore harmless.

Some of these machines are made to refinish floors, and they sandpaper very evenly. Imagine being able to scrape off the old places, without kneeling to do it and breaking the back for hours and hours!

There is no gainsaying that the floor is *the* thing in our homes. A poor floor maketh the home to reel; a fine floor makes the home "stand up."

If this story on the floor machine—the first to appear in any magazine—praises this device and makes it seem Utopian, wait! It may seem so now, but so did the first descriptions of the suction cleaner! People first thought they were good new fangled bits of fancy work, but as for buying them! Bah! "The good old broom would do!"

There is no reason in communities of small homes, where the chatelaine does her own work, that a floor machine couldn't be bought by a group of women and so obviate forever the need of floor scrubbing in the old messy, sloppy, wretchedly old-fashioned fatiguing way. Why not? We know groups that have the mowing machine and other things in this way and it works delightfully. If the lawn mower—why not other machines?

The floor machine can be used, too, for keeping a table top in condition—scraping and polishing it with thoroughness. This is a very useful function, as you will recall, and saves the necessity of expensive cabinet makers and of having to send the table away or do it yourself with more labor than it can be done with machinery.

With these machines comes a squeegee and a pan which are used when you scrub the floor or use the machine for anything that leaves a residue of scrapings, or water.

When you scrub with the machine, water necessarily will be spread about. Instead of getting down to mop this up, the rubber hoe pushes the water, as you steer it, into the pan which is built as a receiver. Then afterwards the pan is emptied!

At last the squeegee has come into the home. For ages men have used them, yet women, for some unknown reason, though the weaker sex, insist on doing things in the most heart-breaking way, to say nothing of body breaking and spirit lacerating!

Today domestic machines are *not* luxuries—they are necessities to make the maidless home livable and one's wife lovable.

There are more economies, Good Housewife, in domestic relations than money saving! The floor machine can do any floor job in one-third the time of the hands-and-knees process. This is so because the weight (40-60 pounds) is centered over the spot being treated and the rapidly revolving brushes couple with the weight and do the trick—like no woman's hands could! And so here is the economy of time and physical outgo of energy.

Another economy worthy of attention is the economy of ear strain—these machines are not noisy.

Then to fiscal consideration: the floor machine uses half the liquid wax needed and saves your floors easily and well because it's fun to use the machine and it's not labor to wax the floor—however extensive.

The cost in electric current is no more than from 1-1½ to 2 cents an hour!

This article does not intend to take up floor care, but we must say here that the best way to care for a floor is to keep it waxed with the fine floor waxes now on the market. Oily preparations gum, oxidize and brown and are dirt traps and rug destroyers. Shellac is bad unless finished by the benign wax.

Wax brings out the beauty of the floor and when the floor is dull it must never be scrubbed (a saving), but re-polished; and here enters the floor machine! Waxing a floor two or three times a year is enough—as a general rule—and an occasional polishing and re-waxing over used places must be done according to your time and discrimination. The floor machine in this place takes the burden of effort off your shoulders, knees and arms, and, as has been said, reduces the time of performance, too.

The machines referred to at the beginning of this article are a little heavier than 40 pounds and there are some from 60 pounds up. These heavier ones scrape and grind too and are usually sold for small hotels and large institutions, etc.

For the home, the scrubber, waxer and polisher is almost all that is absolutely necessary. Yet there are those who want the whole "works" and there is no reason why it cannot be had, for it awaits the happy purchaser.

And so if this machine is comparatively little known now it will soon be as prevalent in our homes as the suction cleaner. The irksome processes of home life are dishwashing, sweeping and polishing, and the greatest of these is polishing—long neglected as unconquerable—but now attacked surely and positively with the newer floor machines.



As practical, as beautiful, as comfortable





HERE is an example of a typical Hodgson home—a sturdy, comfortable, attractive dwelling. Such a house can be erected in just two days with unskilled labor.

Hodgson Houses are shipped to you in carefully finished sections which lock securely together. The walls and roofs of these houses are made of cedar, the most durable wood known. The framework is sturdy Oregon pine. Staunch and storm-tight, Hodgson Portable Houses are standing today undergoing every climatic condition of the globe.

Hodgson Houses are comfortable too. They are snug and easily heated in winter and delightfully cool and inviting in summer.

In design Hodgson Houses are outstandingly beautiful. By forest glen, by lake or sea, or for the big estate, Hodgson Portable Houses are in perfect harmony with the most picturesque settings.

Our new catalog shows many actual photographs of Hodgson Houses. Also portable garages, play houses, dog kennels, poultry-houses, etc. Send for catalog G today.

E. F. HODGSON CO.
71-73 Federal St., Boston, Mass. 6 East 39th St., New York City

HODGSON *Portable* HOUSES



Reflecting the Character and Discrimination of the Owner

Martin's Varnish is 100% Pure—which means that it contains no adulterants of any nature. It is made of pure vegetable oils, fossil gums and turpentine. (No Benzine—No Rosin.)



Because of this fact it goes farther—lasts longer and gives a tone finish that cannot be excelled.

MARTIN VARNISH CO
PIONEERS OF 1007. PURE VARNISHES
CHICAGO

HIGGIN
ALL METAL WINDOW SCREENS



Send for this book

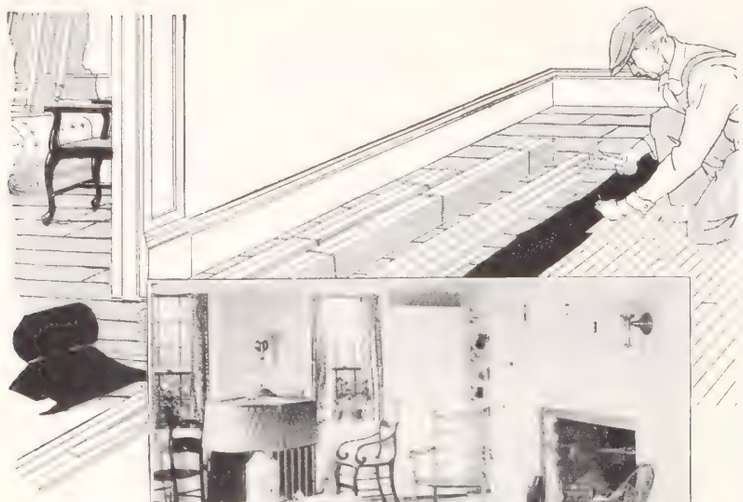
Tells how to screen your home

IT is trite to say that screens should be unobtrusive, fly-tight, mosquito-proof and durable. But the screening of a home to meet these requirements is a job for an expert. That is why Higgin All Metal Screens are always installed by Higgin service men, trained in every detail of screening the home from measuring to fitting.



Send for your copy of the beautifully illustrated and informative book "Your Home Screened the Higgin Way." It will help you to decide how your home should be screened to keep out summer pests and insure the comfort and health of your family.

The Higgin Mfg. Co., 501-511 Washington St., Newport, Ky.



Easily Laid

The work may be done one room at a time if desired, disturbing no woodwork, except the moulding at the baseboard.



CONSULT AN ARCHITECT BEFORE BUILDING

Modernize your Home

Lay 3/8-inch Oak Flooring over the old softwood floors, at little expense

Centuries of growth have produced a toughness of fibre in oak that defies wear. Oak Flooring, Nature's own product, is not an artificial or temporary floor covering. It is permanent, and becomes more mellow, beautiful, and valuable with age. The characteristic grain and figure cannot be successfully imitated.

Easily kept in perfect condition

No dirt can accumulate on the continuous polished surface. Housework is minimized, as a very little attention keeps an oak floor sanitary, and in spic and span condition.

Your choice of color finishes

The new modern finishes which harmonize with room decoration, are illustrated in full colors in our new booklets. Mail this coupon for your free copies.



OAK FLOORS

Put your flooring problems up to our experts. We will gladly serve you.

NATURE'S GIFT OF EVERLASTING BEAUTY



'The Story of Oak Floors' 24 pages of valuable information for those about to build, or remodel, suggesting different grades for different rooms, various finishes, illustrated in color. With this "de luxe" book you will receive "How and Where to Use Oak Floors," a booklet of practical information on the proper care of oak floors.

OAK FLOORING BUREAU
1047 Ashland Block, *Chicago*

Please send me "THE STORY OF OAK FLOORS," and "How and Where to Use Oak Floors."

Name.....

Address.....

City..... *State*.....

THE ART OF THE TILE

(Continued from page 60)

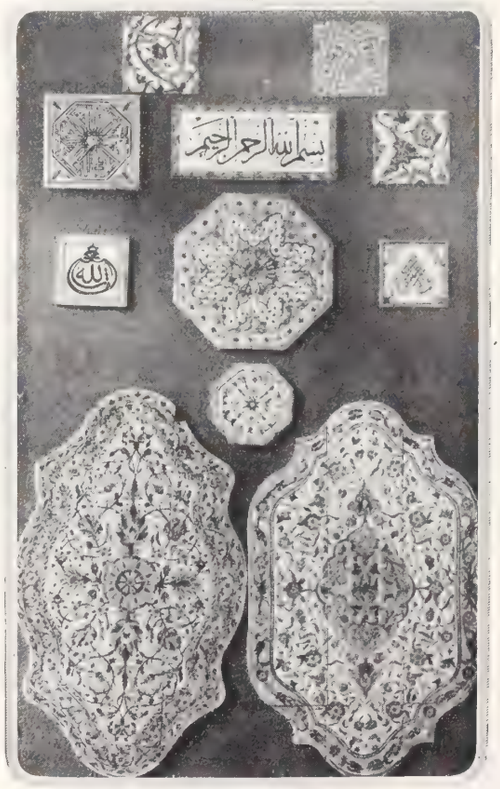
countries in southern Asia and Europe, where the art of the tile first flourished, these lustred slabs were richly ornamented and brilliantly colored, and they were used to cover great surfaces on the inside and outside walls of buildings. Because of their use over broad areas the individual tiles could afford to carry (in fact it was quite necessary that they should carry) designs correspondingly generous in scale. Having been planned for such huge patterns the tiles which were used in this particular way, though they and their modern reproductions are perhaps the most beautiful which have come out of the Renaissance, are seldom ideally suited to incidental use in modern domestic architecture. They need settings of certain grandeur which they can get only in large buildings and on the exterior of houses in the Spanish style and in the gardens of those houses. However, the characteristic loveliness of these tiles is being preserved in reproductions, of American design, which simplify their intricacies and reduce their scale in such a way that these reproductions are perfectly appropriate for use in borders, panels and fireplaces in even small houses.

The use of tiles on the exterior of the house and in the garden will be dwelt upon in some subsequent issue of HOUSE & GARDEN; here there is space only to outline their possibilities indoors, from floor to frieze. Except in warm climates, the use of decorative tiles on floors holds the same disadvantages inherent in any stone-like surface: extreme hardness and a certain effect of coolness. In such semi-indoor rooms as sun porches they are perfect. In bathrooms, but for other obvious reasons, they are perfect too. Here they are first of all a waterproof lining for the room, and they may be used on the walls from a wainscoting height to the ceiling; nor is there any need in bathrooms for a complete surfacing in the traditional stark whiteness. The beauty and relief of panels, moldings, baseboards and friezes of colored and polychrome tiles against the white is made apparent in the examples shown on pages 60 and 61.

Fireplace faces offer a splendid opportunity for tile treatment. Here, as in wall panels and overmantel decorations, tiles may be fitted into the space and make, with their individual patterns, the larger pattern of the panel, or a definite design may be made for the particular shape of the space and this design transferred to tiles specially made for the purpose.

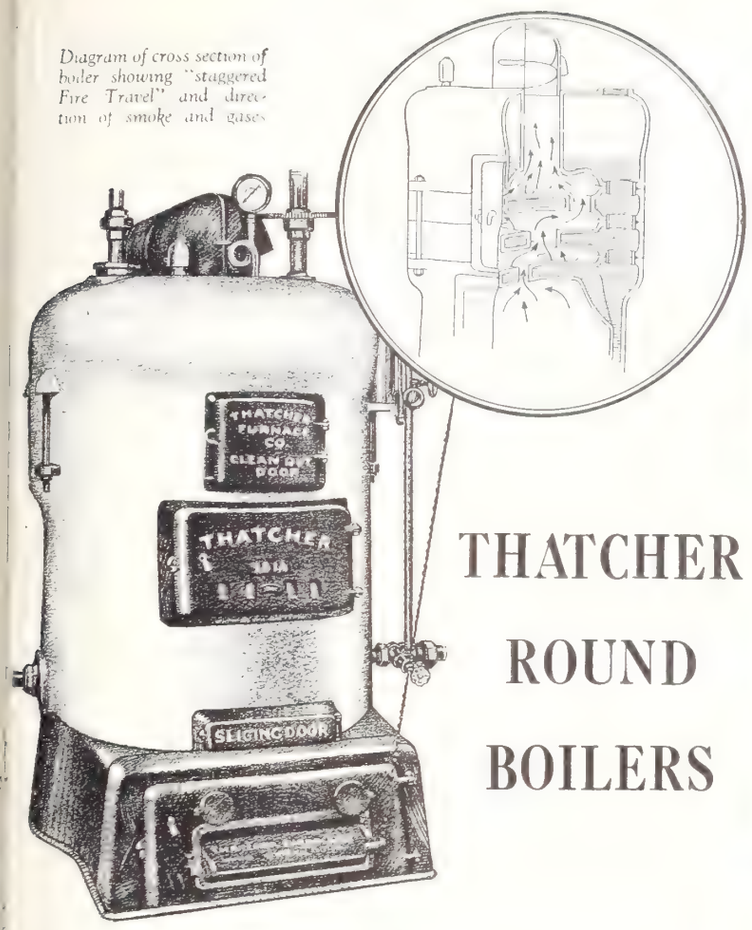
Door openings may be lined with tiles; "baseboards" may be done with specially molded tiles; window sills may be covered with them, friezes and cornices made; in fact, scarcely an architectural detail exists which cannot be carried out in tile, and carried out beautifully if it be remembered that there is such a thing as surfeit.

The era of ugly tiles is past. It passed with the era of ugly architecture. Of course, both still exist in plenty, but the beautiful in both is easily available. Reproductions of the best tiles of all periods and places, as well as modern tiles of extraordinary loveliness, are being made both here and abroad, and only an acquaintance with them is necessary to make apparent how important a part of our houses they may become.



The tiles with the inscriptions are Turkish; the larger octagonal panel is Arabic, and the two large panels below are reproductions of old Persian work. Courtesy of the Robert Rossman Co.

Diagram of cross section of boiler showing "staggered Fire Travel" and direction of smoke and gases



THATCHER ROUND BOILERS

For Economical and Reliable Service

THATCHER Round Boilers are constructed of the highest quality materials. They are *economical* in coal consumption and have *conservative* rated capacities. The special "staggered fire travel" extracts practically every heat unit from each shovelfull of coal and utilizes the valuable hot gases and smoke before allowing them to escape up the chimney.

The easy and exact regulation of Thatcher Round Boilers means *consistent* heat. The delicately balanced "Butterfly" draft damper doors and the check draft damper in the smoke hood are adjusted to provide ample heat to every room in the house. The fire pot or body of the Thatcher Round Boiler is *1½ inches deeper* than the accepted standard.

All Thatcher Round Boilers are furnished with triangular revolving grates which crush and dispose of all clinkers.



A Thatcher Round Boiler *does not require constant firing* to keep it operating properly. Attention two or three times a day is all that is required. These boilers come in 5 series, in sizes built to meet the needs of every type of private dwelling.

Write for the new Thatcher booklet "Helpful Hints on Heating" It will prove a helpful guide in economizing your heating plant.

THATCHER HEATERS & RANGES

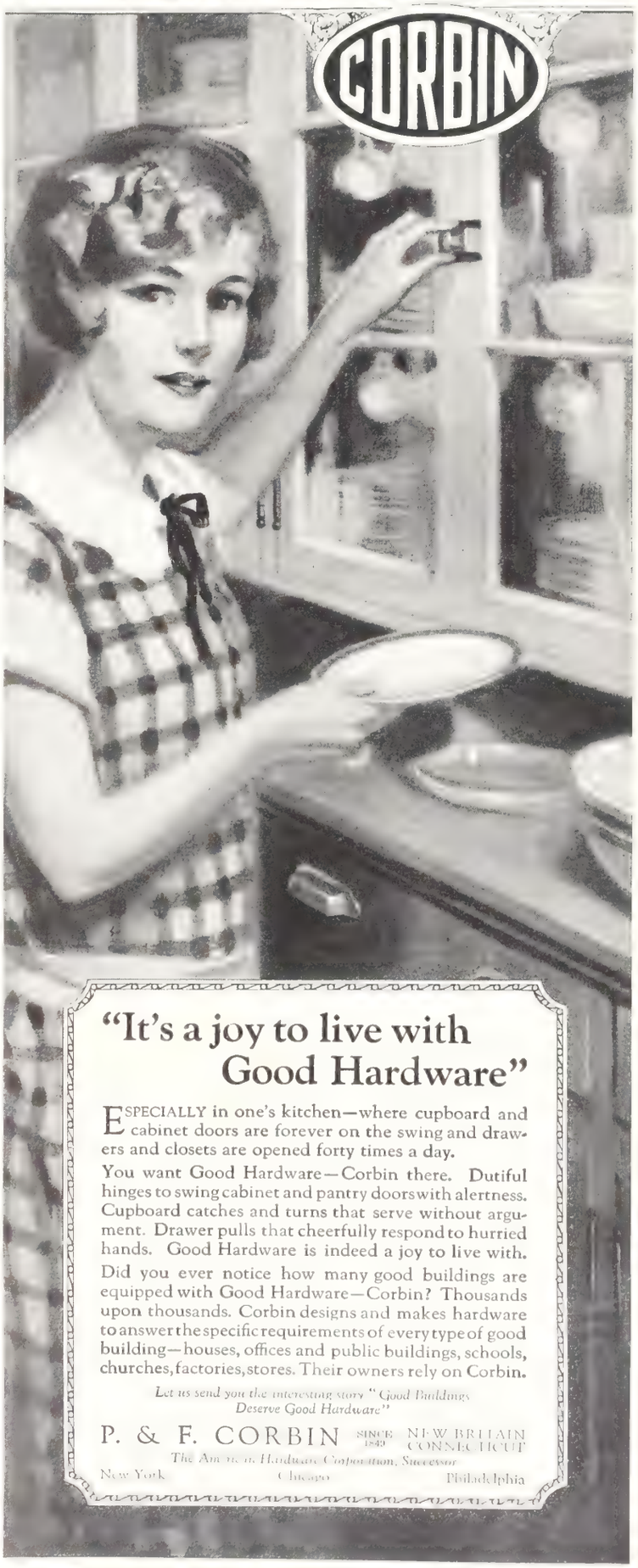
THATCHER FURNACE COMPANY
Makers of GOOD Heaters and Ranges since 1850

Eastern Display Rooms: 133-135 West 35th St. New York City

THATCHER BUILDING 39-41 ST. FRANCIS STREET NEWARK, NEW JERSEY

Western Display Rooms: 341 N. Clark St. Chicago, Ill.

Good Buildings Deserve Good Hardware



"It's a joy to live with Good Hardware"

ESPECIALLY in one's kitchen—where cupboard and cabinet doors are forever on the swing and drawers and closets are opened forty times a day.

You want Good Hardware—Corbin there. Dutiful hinges to swing cabinet and pantry doors with alertness. Cupboard catches and turns that serve without argument. Drawer pulls that cheerfully respond to hurried hands. Good Hardware is indeed a joy to live with.

Did you ever notice how many good buildings are equipped with Good Hardware—Corbin? Thousands upon thousands. Corbin designs and makes hardware to answer the specific requirements of every type of good building—houses, offices and public buildings, schools, churches, factories, stores. Their owners rely on Corbin.

Let us send you the interesting story "Good Buildings Deserve Good Hardware"

P. & F. CORBIN SINCE 1849 NEW BRITAIN CONNECTICUT
The American Hardware Corporation, Successor
New York Chicago Philadelphia



[illegible] reproduction of a rare old Georgian secretary, one of the Hastings collection pieces which [illegible] the fine traditions of the [illegible] to the requirements of modern [illegible]

HASTINGS FURNITURE

A Georgian Masterpiece for Your Home



Write for this interesting brochure describing the Hastings early American suite selected by Good Housekeeping Magazine as the ideal furnishing for the modern small dining-room.

With rare skill and artistry, Hastings has reproduced the stately old secretary desk for modern homes and apartments. The handsome Georgian reproduction above provides all of the commodious appointments of the original design, yet it fits compactly into small, modern wall-spaces.

In solid brown mahogany and in mahogany decorated with velvety fiddle maple fronts, the fine old craftsmanship has been carefully duplicated by Hastings woodworkers. And like all Hastings furniture, this splendid secretary is pleasantly moderate in price. Ask to see it at your dealer's.

HASTINGS TABLE COMPANY
HASTINGS, MICHIGAN
Factory, Sales Office and Display, Grand Rapids, Mich.
Direct all correspondence to the plant at Hastings.

HASTINGS *Furniture*

HASTINGS FURNITURE
The MARK of FRED E. HILL and his associates



Mahonia repens is a dwarf carpet plant useful for rockeries. It has gray-green foliage, yellow flowers and black fruit

THE BEAUTY OF BARBERRIES

(*Continued from page 76*)

Be it therefore enacted by the Governor, Council and House of Representatives that whoever, whether community or private person, hath any Barberry bushes standing or growing in his or their land, within any of the towns of this province he or they shall cause the same to be extirpated or destroyed on or before the 13th of June, 1760."

Apparently this law like many others was not lived up to and the extirpation demanded was not carried out for the Common Barberry is today plentiful as a naturalized bush throughout Massachusetts where in the fall season especially it adds beauty to the countryside.

Probably the most widely known exotic shrub in this country is *Berberis Thunbergii*, a gift of the Arnold Arboretum to American gardens. This Barberry is native of the mountains of Japan where it was discovered and sent to Petrograd Botanic Gardens by a Russian botanist in 1864. So long ago as January, 1875, seeds were received from Petrograd by the Arnold Arboretum and a few years later plants were freely distributed. Its hardiness, ease of culture and general usefulness has made it one of the most popular shrubs grown in this country. Some contend that it is much too commonly planted but none can deny it great utility. Given room, it makes a rounded mass from six to eight feet high and more in diameter. In the spring the arching branches are strung with hanging yellow blossoms and in the autumn with shining scarlet berries. The leaves in fall are varying shades of orange and red to crimson, and throughout the winter the fruits glow like jewels and it is no uncommon sight to find them on the bushes well into the following summer.

(*Continued on page 114*)



Quite distinctive is Berberis dictyophylla with white sucker-shoots and leaves white on the underside. This foliage turns red in the autumn

Leading Dealers Now Offer *Kirsch Curtain Rods*

In Beautiful StippleTone Finish

Three ways to be sure of getting genuine Kirsch Rods

1 Three-Color Box

2 Beautiful StippleTone finish

3 Name "Kirsch" on Rod



"There is no substitute for Kirsch Quality and Service"

Better curtain rods at no higher price

Your dealer has the new Kirsch Rods. They're the most beautiful window draping fixtures you've ever seen. The "Kirsch" StippleTone finish is rich and silk-like. Entirely new and different. More durable as well as more artistic.

Kirsch Rods provide most effective help in window draping: Easy to put up, easy to take down, fit every window, take care of every draping treatment. They tilt on or off the patented Snug-fit Brackets, but never come down accidentally. Kirsch Accessories—heading rings, drapery hooks, draw curtain fixtures—are equally simple and practical.

Look for—The 3-color box—The StippleTone finish—Name "Kirsch" on the rod.

KIRSCH MFG. CO. 24 Prospect Ave., STURGIS, MICH., U.S.A.
Kirsch Mfg. Co. of Canada, Ltd. 450 Buller St., Woodstock, Ontario

FREE!

Wonderful Book *of* Window Draping Helps

A 32-page book packed with practical aid for window draping. Ideas for every room and every kind of window—single, double, triple, casement, bay, odd shaped windows and doors, French Doors, etc. 24 color schemes for living rooms, dining rooms, bed rooms, sun rooms, etc. Instructions for measuring windows, making valances, headings, etc.; how to sew on Kirsch hooks and rings; how to put up draw curtains on Kirsch Rods. Our 9th annual book—a book of real service.

If the booklet doesn't give all needed help, write the Kirsch Interior Decoration Service Bureau.





CHIPPENDALE

17½ *Inches High, 10½ Inches Wide, Solid Mahogany Case; Old Ivory Colored Metal Dial; 8 Day Movement, Hour and Half Hour Strike on Cathedral Gong.* **$19.50.**

An easy way to make a room more attractive

HAVE you ever come back to a house that has been closed? You raise the shades. The sun shines perhaps on the mantle clock. You set and wind it. It sounds the hour, and welcomes you with its friendly tick. Ah! You know you're *home* then.

A Sessions clock is often just the one touch that can add to the charm, convenience and "livableness" of a room. Suppose you put a Sessions Chippendale on the mantle or book case in your living room. Or hang a Sessions "Banjo" clock on that wall panel in your dining room. What an improvement it is!

The skill and craftsmanship of men who have devoted a lifetime to the perfection of design and construction of Sessions Clocks is instantly revealed in the splendid variety of unique patterns, of which the Chippendale and Concord, shown here, are but two examples.

Thorough mechanical workmanship and close inspection during generations of clock making assure you of a lifetime of service and satisfaction with your Sessions Clock.

It is unnecessary to pay more than the moderate Sessions' prices for Dependable Time.

You will find many styles of Sessions clocks at stores noted for their good values. Ask to see them.

THE SESSIONS CLOCK CO.
150 E. Main St., Forestville, Conn.
New York 1750 Woolworth Bldg.
Chicago 5 North Wabash Ave.



CONCORD

13 *Inches High, 9½ Inches Wide; Solid Mahogany Case; Old Ivory Colored Metal Dial; 8 Day Movement, Hour and Half Hour Strike on Cathedral Gong.* **$13.50**

Send for Free Book

THE SESSIONS CLOCK CO.
150 E. Main St., Forestville, Conn.
Please send me Friendly Clock Booklet with interesting story of clock making and pictures and prices of thirty two clocks and candlesticks, suitable for various rooms in my home.

Name _____
Street _____
City _____ State _____

Sessions Clocks
DEPENDABLE TIME



Residence of E. C. Reifenstine *Syracuse, N. Y.*

Furniture Does Not Dry Out with Kelsey Health Heat

How discouraging to find some cold February day that the beautiful living-room table of which you have been so proud has begun to get loose and pull apart at the joints. Dry heat has done it.

With Kelsey Health Heat your woodwork and furniture cannot dry out. The Kelsey Warm Air Generator furnishes you a constant supply of warm, fresh, *moist* air—automatically humidified—that keeps every bit of woodwork and every piece of furniture in its natural condition—no cracking or pulling apart because of dry heat. And the same air is as good for you and your family as it is for your furniture—no dryness to irritate throat and nostrils and bring on headaches and winter colds.

The Kelsey is an investment in healthful heating—it is built to last, like the house, and burns less coal than other systems. No radiators to take up valuable space.

"Kelsey Achievements" will tell you about the heat that doesn't dry. Ask us to send it to you.



A Special Moistening Attachment

THE KELSEY
WARM AIR GENERATOR
(Trade Mark Registered)

237 James Street, Syracuse, N. Y.

Sales Offices
Boston and New York

Dealers
Principal Cities

BROCKVILLE, ONT., CANADA—
Canada Foundries & Forgings, Ltd.

KELSEY HEALTH HEAT

SARGENT
Locks & Hardware



Remember the part *hardware* plays . . .

BETWEEN the pleasant gesture of its portico and the actual welcome of your home will stand a door. And whether this will be harmonious with the whole, or merely a door, depends largely on the hardware you choose.

From Sargent Hardware of time-resisting brass or bronze you can select handles, knobs, escutcheons and fittings which best harmonize with your home *throughout.* Security will also be assured—built into the sure-acting, lasting mechanism of Sargent locks, probably the finest ever made for inner and outer doors.

Hardware is too important to leave to chance; too small a part of the total building cost to make "skimping" pay for the certain regret. Write for the Sargent Colonial Book and with your architect choose the best of hardware for all of your home.

SARGENT & COMPANY, *Hardware Manufacturers*
31 Water Street New Haven, Conn.

SARGENT "520" DOOR CLOSER

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"It DOESN'T ROT, *nor twist, nor swell;*
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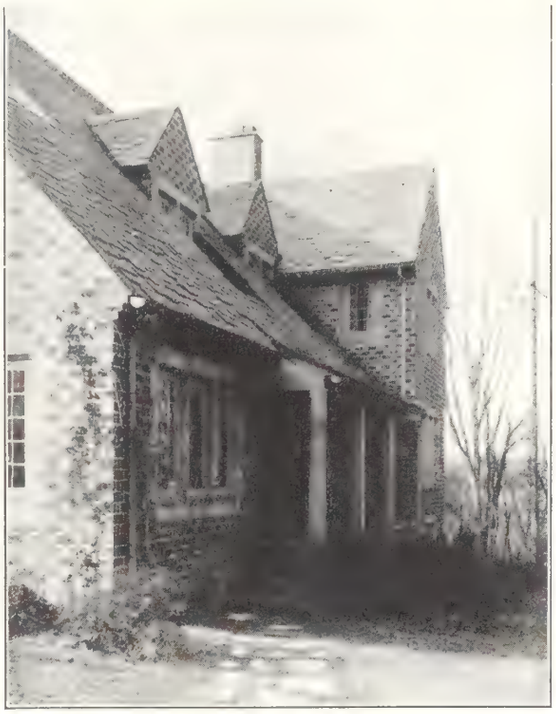
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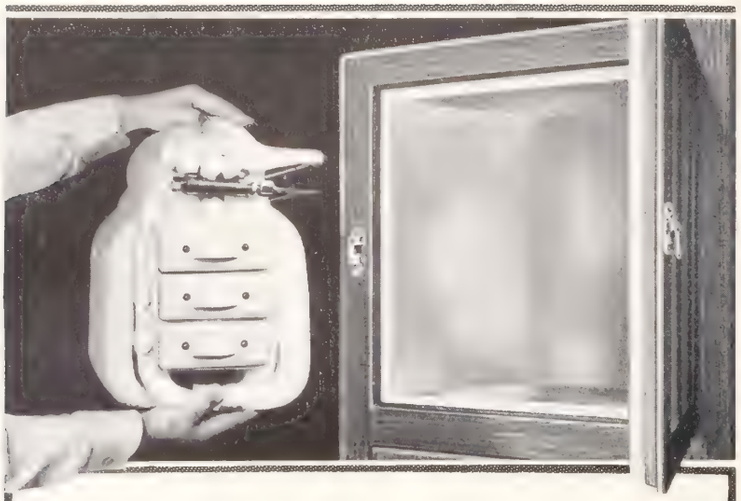
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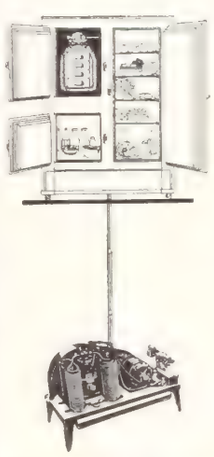
The Frigidaire Frost Coil never melts.

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Here is pictured a Frigidaire Frost Coil installed in an ordinary refrigerator with the Frigidaire mechanism in the basement.

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PRODUCT OF GENERAL MOTORS

Frigidaire
Economical Electric Refrigeration

THE BEAUTY OF BARBERRIES

(Continued from page 110)

mer—duller in color but still attractive. As a hedge-plant this Barberry ranks among the indispensables, being easily kept in shape, dense in habit and well-nigh impenetrable to man and beast, a good green all summer, brilliantly tinted in the fall and lit with lustrous berries throughout the winter.

But Thunberg's Barberry by no means holds a monopoly of the family's virtues. The genus itself is a large one widely spread through the northern hemisphere and along the Andes to the southern limits of South America. Fully one hundred species are known and probably two-thirds of this number are in cultivation. Many are favorites of several generations of garden lovers, others newcomers but little known to ordinary folk. Recent plant exploration work in the Orient which has so greatly enriched our outdoor gardens has brought a great many new Barberries to our knowledge. On my own travels I have gathered them in many lands from lonely Saghalien to the little-known regions of the Chino-Thibetan borderland; on the summit of lofty Mt. Morrison athwart the Tropic of Cancer in Formosa; on the Nilghiri Hills in southern India and on mountains which straddle the Equator in Central Africa. I have added about thirty new species to western gardens; some have little claim on the cultivator, others are acclaimed by experts.

THE LOVELIEST BARBERRY

The most beautiful of all Barberries is the hybrid *B. stenophylla* whose parents are two South American species named *B. Darwinii and B. empetrifolia.* It is an impenetrable evergreen bush with slender interlacing stems densely clothed with narrow black-green shoots each a foot or more long which in spring are wreathed from end to end with rich golden-yellow flowers; in the autumn they are laden with globose berries which are covered with a bluish white waxy bloom. Unfortunately this Barberry is not hardy in New England but in milder climates it grows from eight to twelve feet high and more in diameter and a well grown bush is one of the loveliest of spring pictures. It is admirable in any position either as a bush on the lawn, as a covering for steep banks or as a hedge-plant, when it should be trimmed immediately after it has flowered.

Among deciduous Barberries I do not think any is more lovely than the common *B. vulgaris* whose main stems are erect and arching toward the ends. It is best when the stems are few for the hanging racemes of bright red berries are then most clearly seen. Closely akin to the Common Barberry is *B. amurensis* and its variety *japonica.* Both are very hardy, vigorous shrubs with bright green, prominently veined leaves which color well in the fall and hanging clusters of scarlet fruits. Of the typical *B. Thunbergii* enough has been said but mention must be made of the compact growing var. *Maximowiczii* and the dwarf var. *minor*, familiarly known as the Box Barberry; there is also a useful hybrid with twin-fruits named *B. ottawensis.*

A recent débutante of great charm and beauty is *B. vernae* which I discovered some twenty years ago on the Chino-Thibetan borderland. A green fountain some six feet high and twice that through, this has long slender bright red branches covered with small, nearly entire leaves; in June the stems are strung with slender short racemes of deep yellow flowers and in the autumn with almost translucent salmon-colored round fruits. It opens its blossoms late and in the fall the wealth of fruit weighs down the branches. This rather hides the fruit but on raising the stems the full glory of the bush is disclosed. The delicate salmon shade with the light reflected well into the berries produces a singularly pleasing effect. Of the many Barberries it has been my good fortune to discover and introduce *B. vernae* is my favorite among those that lose their leaves in the fall, and of the hundred different kinds grown in the Arnold Arboretum not one has such a graceful habit.

First of its group to blossom is *B. dielsiana,* a large broad shrub with erect and slightly arching branches, drooping racemes of flowers and bright red fruits. Another excellent species also from China is *B. brachypoda,* with hanging racemes and characterized by its hairy shoots and leaves. The fruit is scarlet and ellipsoid in shape.

Very distinct is *B. dictyophylla* with white sucker-shoots and leaves white on the under side. It is of a loose, irregular habit and the contrast in color of white stems and red to crimson autumnal foliage is most attractive in the fall. The flowers nestle among the leaves and the bright red fruit is egg shaped. Quite different is *B. diaphana* so dense and trim in habit with not a shoot marring the symmetry of its rounded form. It grows from three to five feet high and is twice that through and has relatively large solitary flowers. No Barberry has richer crimson autumnal tints than this though its near relative *B. circumserrata* with scarlet hues is a good second.

A WILSON INTRODUCTION

One of the most charming new introductions from China is *B. wilsonae* a low-growing species of elegant habit. The stems arch over and hug the ground and the plant is well-suited for banks and rockeries. The leaves, which are small, wedge-shape and gray-green, assume brilliant tints and are annually shed in the autumn but in warmer climates they persist to the spring. It produces its flowers in clusters among the leaves and the berries are roundish, coral or salmon-red, somewhat translucent and borne in abundance. Much to my regret this Barberry, which I named for my wife, is not properly hardy in Massachusetts. Closely related but of taller growth are *B. Stapfiana* and *B. subcaulialata,* characterized by their small gray-green leaves, abundant spines and clustered semi-translucent fruits.

The group of Barberries with evergreen foliage is extensive but unfortunately none is properly hardy in the

(Continued on page 116)

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CHILDREN'S VOGUE

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A unique device permits automatic cleaning of the overflow drain. The large, square bowl has an anti-splash rim which protects one's garments and prevents slopping over.

As this lavatory is made of solid, white vitreous china, even to the last handle, there is no nickel work to require constant polishing.

You are invited to write for our booklet "Maddock Bathrooms." This booklet gives suggestions for placing different combinations of fixtures in spaces of various sizes and shapes.

The Madbury



Why vitreous china

A vitreous china lavatory has this great advantage—it does not require constant scouring to keep the bowl clean. This is because the surface is hard and glassy.
Soil does not cling to it. It does not become roughened by use. It never cracks nor crazes. Even acids will not stain it.

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THOS. MADDOCK'S SONS CO. TRENTON, N.J.

MADDOCK
Bathroom Equipment

Your plumber knows the economy of quality fixtures

THE BEAUTY OF BARBERRI

(Continued from page 114)

colder parts of America. The Californian climate is to their liking and a great many sorts grow splendidly in that state. A familiar hedge-plant on the Pacific slope is the South American *B. darwinii* with its spiney, dark glossy green, obovate, stalkless leaves. This Barberry is of dense habit, grows from six to twelve feet high, has red-brown shoots and drooping racemes of flowers and plum-colored fruits. It is in its greatest beauty in spring when laden with a profusion of golden blossoms but is also attractive in the fall when bearing a large crop of blue-black berries and occasionally a sprinkling of flowers. Another South American species suited to the south and regions west of the Rocky Mountains is *B. buxifolia*, with solitary, amber-yellow flowers and globose purple fruits. This is a bush up to twelve feet high of stiff habit and dark green leathery obovate to oblong leaves.

A HARDY EVERGREEN VARIETY

The hardiest of the evergreen Barberries is *B. julianae*, which makes a brave though scarcely successful fight against New England winters. It is a bush up to eight feet tall with rigid branches and tufted shining green leathery leaves, clustered yellow flowers and a bloomy black egg-shaped fruit. It was my good fortune to discover and introduce this plant into gardens in 1900 from central China. In England it was put in commerce under the erroneous name of *B. wallichiana* and later has been confused with the equally handsome but much less hardy *B. sargentiana*.

An unmistakable aristocrat is *B. verruculosa* with its warty shoots, glossy dark green Holly-like leaves, white on the under side. It is a low shrub from two to four feet high with overlapping branches and compact habit. On this account it is perfect for the rockery and for places where dwarf shrubs are needed. It is almost hardy in the Arnold Arboretum and is my favorite of the evergreen Barberries discovered and introduced by myself. A closely related species but easily distinguished by its perfectly smooth shoots is *B. candidula*, also from China and well worth a place in any garden where the climate is milder than in Massachusetts. Distinct in habit is *B. gagnepainii* with its clustered erect and arching stems and narrow dull green spiney foliage, clustered flowers and blue-black egg- fruit. It is very floriferous and to perfection in California and British Isles.

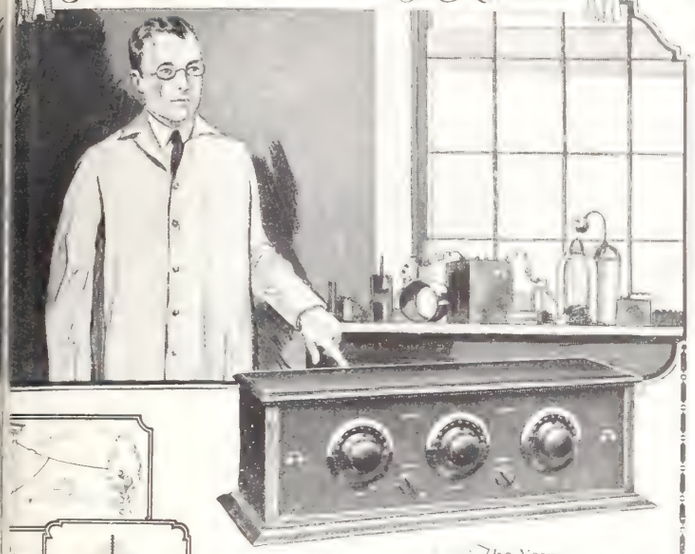
On the Pacific Slope are gr many other fine evergreen Bar including such as *B. sargentia lewis*, *B. bergmanniae* and othe this account may close with ment *B. hakeoides*, remarkable for it fusion of blossoms. This is a C species of rather ungainly habit, twelve feet tall with stalked or spiney leaves more or less round very variable in size. The flow borne in dense rounded cluste along the previous season's br and the fruit is blue-black. This is of course tender but is well to the climate of California and warm states.

THE VARIOUS MAHONIAS

The group of pinnate-leave berries known as Mahonia is an sive one but only a few species general cultivation. All are eve and none too hardy. The best and most useful is *M. aquifoliu* Oregon Grape, whose lustrous ished foliage and rich winter ti won for it wide favoritism. Spr rapidly by means of underg stems it soon makes a good g cover. The stems grow from four feet tall and have termina cicles of attractive yellow f which are followed by bunch bloomy black fruits. It does v far north as in and around M where a good winter covering o prevails. Of equal hardiness dwarf *M. repens*, with gray foliage, similar flower and which is also a good carpet and ful plant for the rockery. Mo orous but less hardy are *M. ja* and *M. bealii*, natives of the with long thick leathery leave on the under side. Both are well to the climate of California an warm regions.

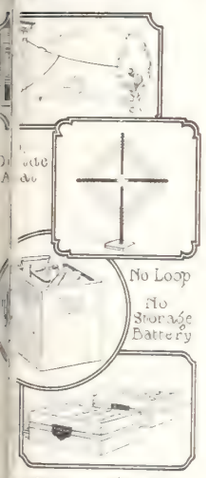
A curious but very hardy eve is *Mahoberberis nieubertii, a hyb* tween the Oregon Grape and the mon Barberry. It is an upright ing shrub from three to six fe with rigid branches, full green leaves of variable shape. It s flowers, much less fruits, being edly mulish in these matters, but extreme hardiness this hybrid is a edly useful plant for northern ga

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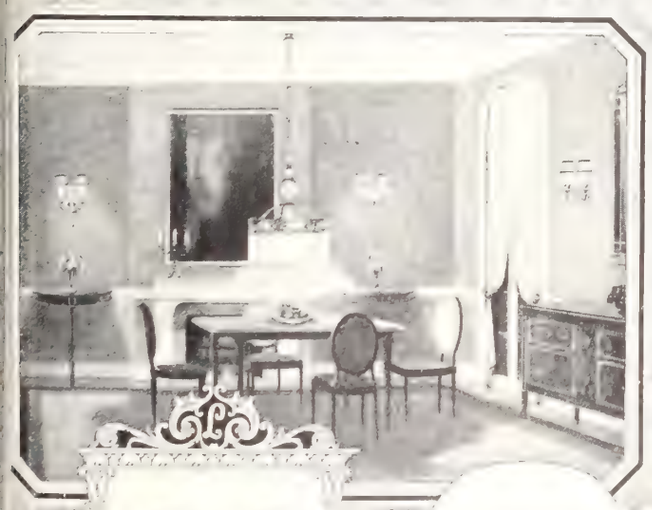
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Hinges do more work for their size and cost than any other building material. To put them in place requires the services of the more skillful carpenter. Replacement is costly. But a home need be equipped with hardware but once in its life if it is well hinged at the start with McKinney Hinges.

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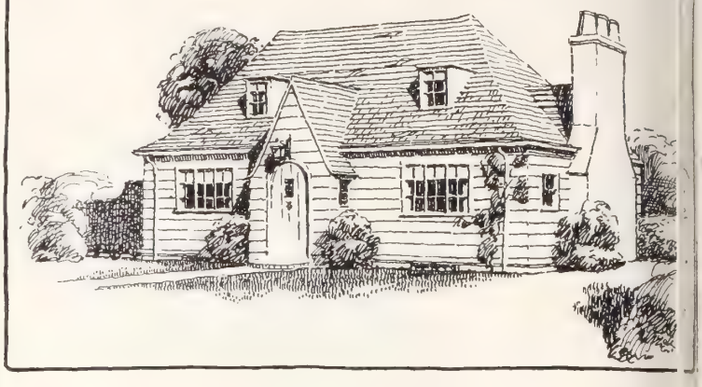
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COLORS TO PAINT THE HOUSE

(*Continued from page 64*)

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COTTAGE TYPE

Body	Silver Gray
Roof	Red-Brown
Cornice, Corner Boards, Etc.	Ivory
Sash	Ivory
Front Door	Ivory
Body	White
Roof	Moss Green
Cornice, Corner Boards, Etc.	White
Sash	White
Blinds	Moss Green

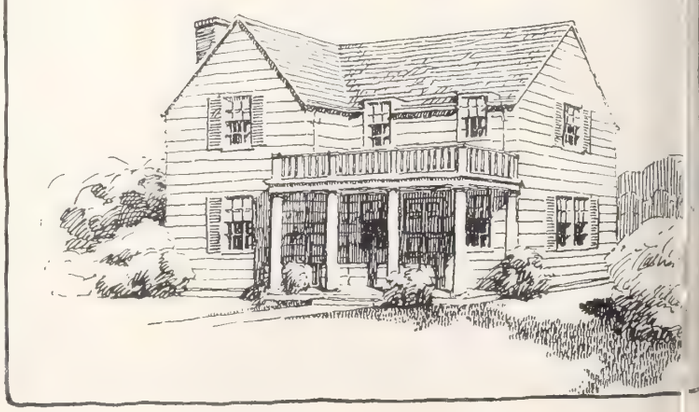
Body	I
Roof	Red Br
Cornice, Corner Boards, Etc.	I
Sash	I
Front Door	I
Body	Colonial Ye
Roof	Moss G
Cornice, Corner Boards, Etc.	I
Sash	Bottle G
Front Door	I

THE MONGREL AMERICAN

Body	Colonial Yellow
Cornice, Corner Boards, Etc.	Ivory
Roof	Weathered Brown
Other Shingled Surfaces	Ivy Green
Sash	Bottle Green
Body	Pearl Gray
Cornice, Cornice Boards, Etc.	White
Roof	Weathered Brown
Other Shingled Surfaces	Moss Green
Sash	Black

Body	I
Cornice, Corner Boards, Etc.	I
Roof	Silver G
Other Shingled Surfaces	Sage G
Sash	Sage G
Body	I
Cornice, Corner Boards, Etc.	Rich Dark Br
Roof	Weathered Br
Other Shingled Surfaces	Ivy G
Sash	Bottle G

(*Continued on page 122*)





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Notice the length of the skirt, and that the coat just covers it. Notice the width of the band at the low waist-line—the cut of the collar and that it is left free to turn back—the fact that the tucks on the coat are placed upward, not downward—that the back has the opening seen on so many new coats—that the little felt hat just matches—that the shoes are pumps. The beads would be gold, or amber, or large pearls with earrings to accord. The two rings are as simple as they are important. Notice the coiffure, the pose. . . . *Every one of these things contributes to the effect.* . . .

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Entire Stock reduced 10% *to* 33% *below regular prices*



All Purchases delivered free to any part of the U. S. A.

338. Pure Linen Double Damask Satin Band Hemstitched Tea Cloths and Napkins with hand embroidered monogram.

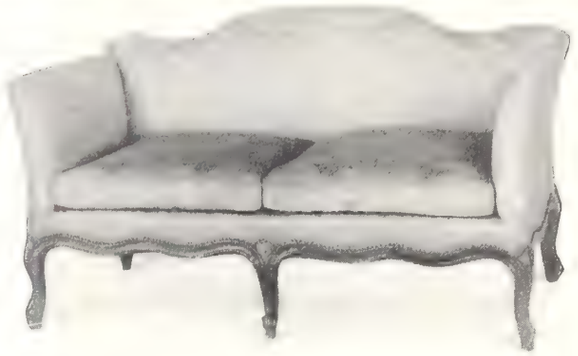
Tea Cloths	Usual Price	Sale Price	Tea Napkins	Usual Price	Sale Price
36 x 36 ins.	$7.75	$5.80 ea.	14 x 14 ins.	$25.00	$17.75 Doz.
45 x 45 ins.	10.75	8.50 ea.	18 x 18 ins.	31.50	24.50 Doz.
54 x 54 ins.	13.75	10.80 ea.			

These Tea Cloths and Napkins can be furnished without monograms. Prices on request.

Sale Catalogue illustrating Household Linens and Handkerchiefs now ready. Please write for List B.

WALPOLE BROTHERS INC.

Fifth Avenue at 35th Street, New York
587 Boylston St. (Copley Sq.), Boston, Mass.
LONDON - DUBLIN



LOUIS XV LOVE SEAT

of Particularly Pleasing Lines, in Walnut. The proportions of this Seat Make it Adaptable for Use in Practically Any Room.

A wealth of hand-made reproductions are on display at our showrooms, where you can make retail purchases charged to your decorator or dealer.

Correspondence is Invited

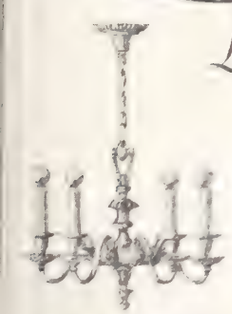
SOMMA SHOPS

Designers and Makers of Furniture Reproductions
383 MADISON AVENUE · NEW YORK
Opposite Hotel Ritz-Carlton





Typical of Luminier good taste is this Georgian bracket — one of an infinite variety on display at Luminier.



One of the very many fine Luminiers suitable for dining room illumination. Hundreds on display in our showroom.

Light Cost

Moderate first cost and equally moderate last cost plus scientific and beautiful lighting results—this is what Luminier gives. Luminier designs coincide with modern interior decorating ideas and Luminier quality at sales equal to what costs far more elsewhere. Let our illuminating specialists help you select the right light for the right place.

Luminier Advisory Service now worth a fortune—free. Write for catalog today.

LUMINIER Company Inc.

577 Broadway, New York
Bet. Houston and Prince Streets



Savo Moistener, in three sizes; 12½" x 9", $2.50; 8" x 11", $2.50; 12½" x 14", $3.

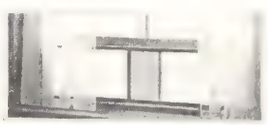
For your health's sake

THE DRY AIR of heated rooms seeks moisture everywhere—in the glue in the furniture, in sensitive human membranes. It cracks woodwork, kills plants and makes you subject to colds.

So fill the Savo Moistener with water. Hang it on the back of the radiator—out of sight. The heated air absorbs the moisture it needs and becomes fit to breathe.

That's half. The rest is fresh air. This Window Ventilator lets it in—without draft or dust, snow or rain.

Window Ventilator, washable cotton, black enameled frame. Four sizes, opened full: 11" x 30", 75c; 11" x 47", 90c; 16" x 30" $1.10; 16" x 47", $1.20.



LEWIS & CONGER

45th Street & Sixth Avenue
"A Houseful of Housewares"

I-25

LEWIS & CONGER
45th St. & 6th Ave.
New York, N. Y.

Send me, collect ☐ Savo Moistener, 10c
☐ Window Ventilator, 10c
☐ Mail free booklet, "Modern House Equipment." Check in front of parts desired.

Name .....
Address .....

Why building with Redwood



Residence at Plainfield, N. J.
Redwood siding painted white



Residence at Des Moines, Ia.
Redwood Colonial siding painted white

means building for permanence

THIS Redwood tree trunk was recently uncovered under the roots of an old spruce tree whose annular rings showed its age to be 600 years. But in spite of six centuries' burial in moist ground the Redwood was sound and free from decay or wormholes. It was sent to the mill and sawn into good lumber.

The same *natural* preservative which protected this fallen Redwood from decay, protects every bit of Redwood lumber and millwork. "Technical Note No. 173", recently issued by the U. S. Forest Products Laboratory, a government institution, assigns Redwood the highest *total* rating of any commercial wood on *durability, lack of shrinkage, strength as a beam or post, ease of glueing, workability* and ability to "stay put".

Grade for grade Redwood costs but little more than woods that cannot compare with it for permanence. It is therefore real economy to specify Redwood for exterior finish, siding, shingles, door, window and cellar frames, foundation timbers, mudsills, mouldings, lattice, pergolas, garden furniture and greenhouses.

Before you build, write for our "Redwood Homes Booklet" and for "Physical and Mechanical Properties of California Redwood in Comparison with Other Woods."

The Pacific Lumber Co.
Redwood

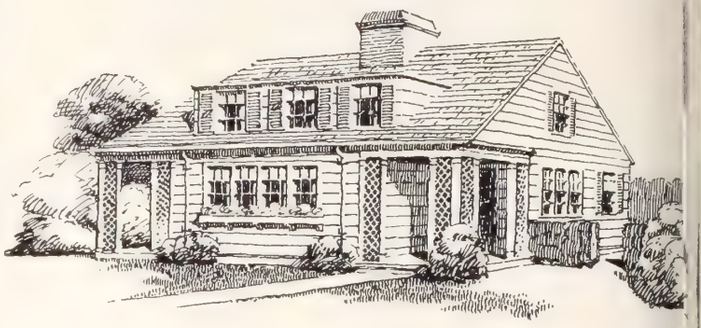
CHICAGO
3081 McCormick Bldg
332 So. Michigan Ave

NEW YORK CITY
923 Pershing Sq. Bldg
100 East 42nd Street

SAN FRANCISCO
Robert Dollar Bldg
311 California St.

LOS ANGELES
Central Building
6th & Main Streets

THE LARGEST MANUFACTURERS AND DISTRIBUTORS OF CALIFORNIA REDWOOD



COLORS TO PAINT THE HOUSE

(Continued from page 118)

BUNGALOW TYPE

Body	Seal Brown
Roof	Venetian Red
Cornice, Corner Boards, Etc.	White (or Ivory)
Sash	White (or Ivory)
Body	Ivory
Roof	Weathered Brown
Cornice, Corner Boards, Etc.	Sage Green
Sash	Sage Green

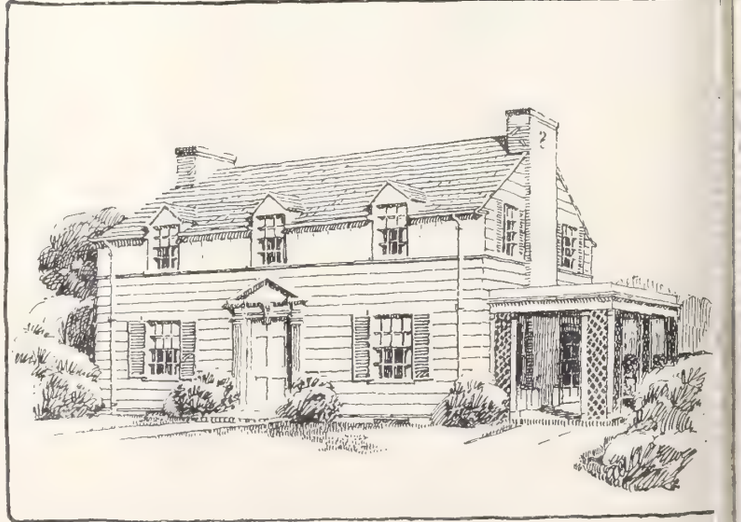
Body	Crear
Roof	Red-Brow
Cornice,,Corner Boards, Etc.	Crea
Sash	Crea
Body	Silver Gra
Roof	Moss Gree
Cornice, Corner Boards, Etc.	Silver Gra
Sash	Moss Gree

THE COLONIAL TYPE

Body	Colonial Yellow
Roof	Red-Brown
Cornice, Corner Boards, Etc.	White
Sash	White
Front Door	White Enamel
Body	Colonial Yellow
Roof	Moss Green
Cornice, Corner Boards, Etc.	Ivory

Sash	Bottle Gree
Front Door	Brown Oa
Body	Whit
Roof	Weathered Brow
Cornice, Corner Boards, Etc.	Whit
Sash	Whit
Blinds	Moss Gree
Front Door	Whit

The colors suggested for roofing will, of course, apply whether the roof is of cedar shingle or the various types of composition and asbestos roofing now coming into extensive use. The beautiful mottled and vari-toned effects now available will be appro priate where the key color is as in dicated in these suggestions. Wher natural slate roofs are used, there is of course, no alternative as to roo color.



Take no chances with slippery floors



Wax your floors with SLIPRUF!

Applied like any wax SLIPRUF provides lustre plus safety.

Dad won't take a header. The old folks and the children will not walk in constant danger of serious accidents.

Rugs will stay where they are placed.

SLIPRUF goes on easily and gives a deep, rich, long wearing polish not marred by sliding and scuffing.

And the surface will be as safe as if left plain.

Better be safe than sorry. Avoid slippery oils and waxes—use SLIPRUF. A four pound can will finish a large house. Sent prepaid on receipt of $5, check or money order. Your money back if any question of satisfaction.

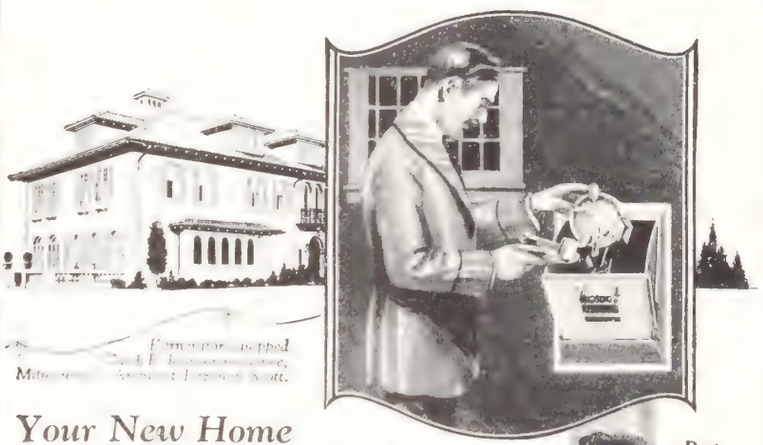
SLIPRUF WAX COMPANY
Mahwah New Jersey



Send for this Booklet of beautiful Clothes Closets

If you would like to learn how attractive and convenient a clothes closet can be, send for this book. It shows how to obtain double capacity in a delightful new kind of closet where clothing hangs in an orderly row on a nickeled fixture you can pull out into the room for inspection and selection. Learn how you can enjoy this convenience at little cost by installing Knape & Vogt fixtures. Just return the coupon.

KNAPE & VOGT
Manufacturing Company
Grand Rapids Michigan



Your New Home Need Never Have Garbage!

BUILD the Kernerator into your new home and waste-disposal becomes your easiest task. All waste—garbage, sweepings, broken glassware, papers and other forms of trash—is disposed of as rapidly as it accumulates, *and without leaving the kitchen!*

For the price of a good radio set (and without a cent of upkeep after *ward*) you eliminate forever those countless daily trips to rubbish pile and garbage can. You gain immeasurable convenience and a new neatness of home and yard.

As the picture shows, all waste is merely dropped into the Kernerator handy hopper door. Falling to the brick combustion chamber in the basement, it is air-dried for occasional lighting. Everything is burned but tin cans and the like, which are flame-sterilized for removal with the ashes. The waste itself is all the fuel required.

The Kernerator must be BUILT IN THE CHIMNEY, hence it cannot be installed in existing buildings! Consult your architect—he knows and will recommend the Kernerator. Or write—

KERNER INCINERATOR COMPANY
1025 Chestnut St. Milwaukee, Wis.

KERNERATOR
Built-in-the-Chimney

Drop all Waste Here then FORGET It!



It is made in a variety of colors and presents a novel and decorative effect in the sun parlor or breakfast room where contrast is desirable.

A folder, printed in color, will be mailed upon request.

Hendryx bird cages are made in over five hundred designs.

And always a Hendryx floor stand to match.

The Andrew B. Hendryx Company, New Haven, Conn.

"HENDRYX" BIRD CAGES
Since 1869



Out of This Plan Book You'll Get the Big Idea for the Home You Hope to Build

Maybe the whole plan itself—there are a dozen perfect ones—or just what you're looking for in room arrangement—or how to keep cold air from leaking in around windows and doors.

Do you prefer white enamel—or dark rosewood—in woodwork? The answer is in this book, clearly explaining the advantages and "reason why" of

ARKANSAS SOFT PINE

Satin-like Interior Woodwork

Whether you build anew or remodel, this book will be an invaluable friend, filled as it is, with the helpful counsel of an experienced architect, expert in residential design and decoration.

Just mail 50 cents, cash or stamps, with the coupon below, and the book is yours. Also, free on request, an interesting booklet on how to enamel and stain woodwork.

ARKANSAS SOFT PINE BUREAU
[illegible] Boyle Building, Little Rock, Arkansas

Please Send:

☐ "Not a House, But a Home" [illegible]
☐ The Virtues of Painted Woodwork [illegible]

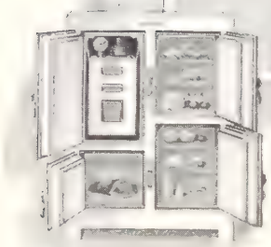
Name .....

Address .....

There's New Enjoyment in Foods from the—

Zone of Kelvination





Thick steaks that almost melt in your mouth; green salads so crisp they fall apart at the touch of a fork!

You have often wondered how these and other foods are so deliciously prepared and attractively served in the best hotels. There is no real secret about it. The foods you, yourself, buy will acquire the same delicious qualities under the influence of the Zone of Kelvination.

Kelvinator — the electric method of chilling refrigerators without ice — creates a condition in any refrigerator that affects foods in a remarkable way. It reduces the temperature to 10 degrees colder than when it is ice cooled, but does something more. It crystalizes the moisture out of the refrigerator, leaving the interior not only cold but *dry*. All moisture disappears. The air takes on a sharp, frosty "sting".

Under the influence of this kelvinated air, foods not only stay fresh and sweet for *days*, but actually *improve*. Meats mellow and acquire a delicious tenderness. Green vegetables "crisp up" and are better than when fresh from the garden. New frozen dainties can be prepared that will delight your family and amaze your guests.

You can install Kelvinator in your present refrigerator and be prepared for every occasion; family dinner or entertainment. You will escape forever the annoyances of ice delivery, as Kelvinator refrigerates for months or years without attention. You can keep a liberal supply of food on hand, and market only once a week. And with all these advantages, Kelvinator is an actual economy.

"Kelvinator and Kelvinated Foods"—an illustrated descriptive booklet, will be mailed gladly on request. (106)

KELVINATOR CORPORATION
2052 WEST FORT STREET DETROIT, MICHIGAN
Kelvinator of Can., Ltd., 12 Temperance St., Toronto

Kelvinator

The Oldest Domestic Electric Refrigeration



Tedington, on the James River, built about 1717, has a hipped, curb roof, a characteristic feature of the early Virginia houses

BUILDING IN WOOD

(*Continued from page* 68)

In the middle of the 19th century, while rapid changes in style were taking place in the appearance of the wooden house, the underlying structure, or timber frame, underwent a revolutionary change. The old braced or "full" frame which harked back to English half timber construction, with its members mortised, tongued and wood pinned,—gave way to what we call the "balloon" frame. In this newer method, the timber sizes were greatly reduced, the mortising and tonguing omitted, and all put together with nails and bolts. The old full frame depended to considerable extent upon the sizes and the quality of its timbers, and when well done, could hardly be bettered, but with the decreasing timber supply, with increasing labor costs, the modern balloon frame came in, and in reality makes a more scientific and structural use of the timber sections than does the earlier tongued and pinned frame.

Today, the usual run of frame houses have their walls worked out on the basis of members 4″ deep, though in the better class of work, the studs are increased 6″, giving thicker walls and the additional space for trimming of openings. The practice of using 6″ studs might well become more general, as it does not mean a very great additional expense.

If it is decided to build entirely of wood, there is a great range of materials to choose from—too great a range to discuss in detail within the scope of this article.

In choosing woods, their use must be kept well in mind. For framing, strength is required, and an absence of dry rotting tendencies. For clapboards there must be durability with exposure, and no curling inclinations, or resin streaks to drip in the sun. For trimming, the wood should take the molding knives cleanly, and then should last in the weather, and stay put when once nailed in place.

We are told by our lumbering interests that we still have well nigh unlimited supplies of timber. Reports from our forestry experts say otherwise, however, and one has to feel that the employment of wood for framing, and for exterior wall covering must become more and more limited. It seems likely that in several decades, the wooden house will have become something of a luxury, and the use of wood in building will be confined to trimming and to finishing.



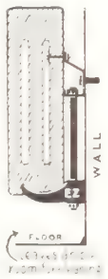
Tuckahoe, on the James, is one of our most important early frame houses. Like many another in the neighborhood it is unpretentious without and richly carved and paneled within



DON'T BREAK YOUR BACK

IN your new home use LEGLESS radiators, supported from the wall by E-Z RADIATOR HANGERS. This affords ample room underneath for *easy, thorough* cleaning with brush or electric cleaner, without stooping.

No dust to streak walls above radiators. No hot legs to melt dust into floor finish. *Cleanliness made easy!*



E-Z HANGERS are making leg radiators obsolete. Invisible when installed, inexpensive. Specify your architect. Write for beautiful booklet showing home installations.

HEALY-RUFF CO.
769 Hampden Avenue
St. Paul, Minn.

E-Z RADIATOR HANGER
YOU'LL USE 'EM YET!



The WAY TO HOME COMFORT

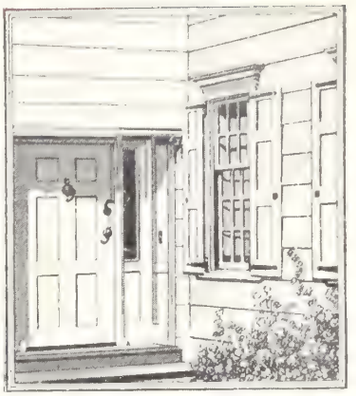
THE comfort of your new home will depend greatly upon the material used for its walls. Before building you should investigate Natco Hollow Building Tile and assure yourself a warm house in winter and a cool one in summer.

Free Home Book

Our Free Home Book "Natco Homes" containing many pictures of attractive homes and garages will be mailed free at your request. Write for it today.

NATIONAL·FIRE·PROOFING·COMPANY
1424 FULTON BUILDING · PITTSBURGH, PA.

NATCO
HOLLOW BUILDING TILE



Give *Your* Home the Charm and Protection of These

Inexpensive as to first cost and positively in a class of its own as to low upkeep cost, KEYSTONE Siding, made of selected Western Red Cedar from British Columbia forests and fashioned into "Side-walls of Enduring Beauty", should be given serious consideration always before home building specifications are written.

"Sidewalls of Enduring Beauty"

No available wood surpasses Western Red Cedar in durability. Being wholly free from resin or pitch it is rot-resistant to an exceptional degree. It is light and easily worked. Its grain is such that it does not warp or curl. It takes paint well and economically.

KEYSTONE Siding is made of selected Western Red Cedar where it grows best. Every piece is inspected and must be perfect. Every bundle is labelled.

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NEW WESTMINSTER, B. C.
CANADA

SEND THIS COUPON

HAMMOND CEDAR CO., Ltd.
New Westminster, B. C.
Canada

Send me your booklet, "Sidewalls of Enduring Beauty" and name of

Name

Street

City

State

H.G. 1



Mail It Now!

KEYSTONE
RED CEDAR SIDING

VOGUE'S

Book of Etiquette

$1

An investment in assurance . . . providing a discreet reminder for the sophisticated, a ready help for the humble, and a kindly sermon on good manners to gay and headlong youth. Covering completely the present-day customs of social intercourse, with the rules for their correct observance.

[illegible]
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Vogue, Greenwich, Conn.

Name

Address

City

What are your Sewage Disposal Problems?

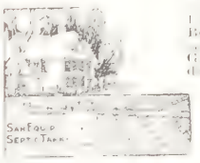


Let our experts suggest just the ideal sanitary service suited for your suburban home, school or factory. Protect health and increase property values with this quality equipment—

SANEQUIP

Self-drain Toilets without water or sewers, improved design, nothing else like it.

Septic Tanks [illegible]

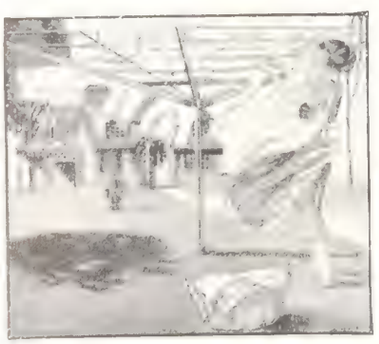


[illegible]

Chemical Toilet Corp.
1911–1934 Liverpool Rd.
Syracuse, N. Y.

HILL CHAMPION CLOTHES DRYER

Get [illegible] washing clothes [illegible] the entire wash [illegible] to dry from one position. The Hill Champion Clothes Dryer is the most efficient and convenient means of drying clothes. Just the correct height for easy hanging. No stretching or exertion [illegible] gets the sunlight as it sways in the breeze. An all year round helper that more than pays for itself in a short time. [illegible]



Our booklet G gives full information—send for it today.

HILL CLOTHES DRYER COMPANY
52 Central St., Worcester, Mass.

Associated Tile Manufacturers

315 Seventh Avenue Beaver Falls, Pa.

THIS association is prepared to tender a helpful service to every home builder.

There are many places in *your* home where beautiful Tiles may be used with telling effect and to advantage. Aside from the bathroom, where clean Tiles for a long time have been the accepted finish, there is the kitchen where Tiles add attractiveness and lighten housework. There is also the hall, the dining room, the sun parlor, the porch, and the garden; each of these is rendered more serviceable and more attractive by appropriate Tiles.

With the rapidly increasing use of color in interior decoration and American architecture generally, there is no material which supplies the aesthetic and practical elements so completely and so satisfactorily as Tiles.



Tiles in the garden furnish most delightful and unique touches of color and refinement. Walks, arbors, gateways, walls, statues, fountains and pools offer unrestricted opportunities for distinctive Tile effects.

IN order to secure the full advantage, the greatest durability and the beauty which go with Tiled surfaces, insist on Tiles made by one of the member companies of this association.

The illustrated brochure, "Beautiful Tiles," describes the popular uses, sizes and shapes of the many kinds. Write for your copy—it will answer most of your questions about Tiles.



To see a Tiled kitchen is to covet it, to have one is to appreciate fully its scrupulous neatness and its practical efficiency; its lasting newness delights the modern housewife.

Producers of Beautiful Tiles:

ALHAMBRA TILE CO.
Newport, Ky.
AMERICAN ENCAUSTIC TILING CO., Ltd.
Zanesville, O.
BEAVER FALLS ART TILE CO.
Beaver Falls, Pa.
CAMBRIDGE TILE MFG. CO.
Covington, Ky.
GRUEBY FAIENCE & TILE CO.
Perth Amboy, N. J.
MATAWAN TILE CO.
Matawan, N. J.
MOSAIC TILE CO.
Zanesville, O.
NATIONAL TILE CO.
Anderson, Ind.
OLD BRIDGE ENAMELED BRICK & TILE CO.
Old Bridge, N. J.
PERTH AMBOY TILE WORKS
Perth Amboy, N. J.
THE C. PARDEE WORKS
Perth Amboy, N. J.
UNITED STATES ENCAUSTIC TILE WORKS
Indianapolis, Ind.
WHEELING TILE CO.
Wheeling, W. Va.



A house may have every other improvement, but unless it has the Tiled bath it is incomplete. The Tiled bath looks its cleanness.







This view of the Ponce de Leon plaza in Coral Gables shows two of the transplanted cocoanut palms

Purple Bougainvillea clusters gorgeously over the fountain of the plaza. Denman Fink, architect

SPAIN IN FLORIDA

VIRGINIA ROBIE

EVER since the days of the great builders of the Renaissance, architects have cherished the ideal of a city designed under one master impulse; many minds working together to create a unified whole. Our big expositions have embodied this dream, but expositions are ephemeral, and planned for exhibition purposes only. Undoubtedly they have contributed to the broadening of mental horizons. The Columbia Exposition in Chicago gave us a sense of structural beauty—Greek feeling expressed in orderly simplicity. The Louisiana Purchase Exposition in St. Louis mingled French and Classic, and, while something was lost in restraint, something was undoubtedly gained in new uses of stucco and new schemes of lighting. The Pan-American in Buffalo blended Latin motifs, more or less successfully, with an introduction of color. The Panama-Pacific in San Francisco, benefiting by the lessons of the past, carried form and color to a high degree of beauty. Here we saw landscape gardening in the large, skillfully related to site, design and climate. Yet the dream city was still a mirage.

At last, near Miami, Florida, the dream has become a reality; not merely a group of houses, not a colony, not a community, but an entire suburb, almost a city, numbering hundreds of buildings, conceived, has been designed and erected under one master

(*Continued on page* 130)



The patio of the inn might easily be an architectural bit from Spain or Morocco



se Everlasbestos over old floors or in new building

tractive Everlasbestos Floors

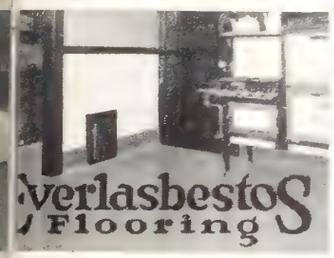
t'll be delighted with this hand- e long-wearing floor. The quality ts ingredients and colors, the care preparation give Everlasbestos its eriority.

he entire floor is one smooth nless surface, easy to keep clean shining. A wonderful floor for hen, bathroom, sun-porch, or sery.

idely used in Stores, Offices, Schools, ches, Factories and Public Buildings. sts the hardest wear.

xclusive Everlasbestos method ex- ined in Manual of Instructions fur- g makes sure of a perfect floor. lasbestos is the highest quality com- tion. Be sure to use it. Ask your itect.

rite today for interesting illustrated klet and sample. Address Everlas- os Flooring Co., Dept. H, 75 North et, Rochester, N. Y.





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,00 TESTED HOME PLANS

it Building Costs

last you can get the latest building plans, tested by the actual building of homes. Beautiful Bungalows, Colonial homes, Cozy Cottages, Bungalow Apartments, Duplex Houses, Two-Family Houses, Garages, etc., are shown the very latest styles in Stucco, Brick, Stone, Half-timber, Shingle, Clapboard, Siding, and Combinations of different materials. You are given the latest ideas on Interior Decoration and helpful data.

EE! With each order for plans we will include a year's subscription to Keith's Magazine, the Beautiful Home Builder's Guide.

ame and address, ay the postman

Write at once



h Corporation
0. Seventh St., neapolis, Minn.

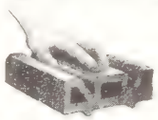
Corporation,
0. Seventh St., Dept. 16-A,
apolis, Minn.

Build with "Fisklock"



and save money

"Fisklock" the two-in-one brick, means low building cost. It gives comfort and economy in the finished home because it is cool in summer, warm in winter and makes a building easy to heat. Finally it means low-upkeep—no painting—no repairing—low insurance. BUILD WITH "FISKLOCK".



The Two-in-one Brick

FISKE & COMPANY
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NEW YORK BOSTON WATSONTOWN, PA.

Pride In Your Kitchen—

The WALKER Dishwasher-Sink is of heavy enamelled ware—the equal of quality ware in your bath-room. It not only gives your kitchen new importance but saves space and drives away the drudgery of dishwashing. Approved installation for high-grade apartments as well as for individual homes.

With the WALKER you have a real Dishwasher in sink at little extra cost. Let us send you literature that describes this sink and also the portable and other models of the famous WALKER Dishwasher, approved by Good Housekeeping Institute and thousands of users.

Use the coupon below; indicate your interest in sink or portable type and give us the name of your plumber, electrical dealer or department store. Address Walker Dishwasher Corp., 334 Walton St., Syracuse, N. Y.

WALKER

Washes Dishes Cleaner Than By Hand





Walker Dishwasher Corp.
334 Walton St., Syracuse, N. Y.

Please call for demonstration today, and the full particulars about the WALKER DISH-WASHER & DRYER. Also the Two-in-one Brick.

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Address

Please Write for Literature



Now she knows it is safe to leave them—

Her precious children—what if something should happen to them while she was out for the afternoon?

So often she had told herself her fears were groundless. And yet—the furnace. What if the maid should forget to check the fire? Or perhaps it might go out entirely. How relieved she was each time she came home to find everything was all right.

And yet—the next time? Always there was that haunting fear to spoil her pleasure.

◈ ◈ ◈

Now she knows it is safe to leave them. For the dependable Minneapolis Heat Regulator never forgets to watch the fire. It automatically controls dampers and drafts; keeps the temperature uniform. The dangers from an overheated furnace are avoided. Rooms are never too hot or too cold — just right for comfort and health. No worries about heat regulation. Less work.

The "MINNEAPOLIS" HEAT REGULATOR

"The Heart of the Heating Plant"

The remarkable thing about it is this: It might be classed as a luxury, considering the comfort and convenience it brings; yet it actually *saves money* for those who enjoy its benefits. This is fully explained in the interesting booklet, "The Proper Operation of the Home Heating Plant," which contains simple rules for saving fuel. Mailed free on request.



Dependable automatic control is a necessity on oil burners. Leading makers furnish the Minneapolis as standard equipment.

MINNEAPOLIS HEAT REGULATOR CO.
Established 1886
2760 Fourth Avenue, So.
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Sold and installed by branch offices in principal cities and 20,000 heating contractors.

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ROYAL

The price of Royal has just been reduced. It now costs only $2.00 a year, or 25 cents per single copy. (*Formerly $3.50 a year, 35 cents per single copy.*) Or two years for $3 through our special offer. This lowering in price does not in any sense mean a lowering in the standard of the magazine. Whatever its price, Royal will maintain the high reputation as a fashion authority that it has enjoyed for twenty-eight years.

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ROYAL

is an entirely new kind of fashion magazine for sensible women who wish to dress well and prefer to shop in their own city's stores.

Everything in Royal is smart. Everything is buyable. Everything is priced. Everything is made up by leading American manufacturers and stocked by leading American stores. Its aim is to enable you to go to your favourite store and buy whatever Royal shows—or Royal will tell you where in your vicinity you can get it.

THE NEW MODES

Royal reports with accuracy and charm upon the actual American adaptation of the Parisian mode. Photographs of well-dressed American women, taken at their favourite resorts, prove the smartness and practical value of the designs which Royal shows. They aren't fantastic creations suitable only for display by a mannequin; they are the proper thing for you yourself to purchase and to wear.

THE ENSEMBLE

A unique feature of Royal is the attention it bestows upon that essence of the modern mode, the ensemble costume. Every month Royal shows two complete outfits for one of the many varying types of women: suit or dress, coat, shoes, hat, fur, down to the smallest accessories, all of which match in colour or in design, and which in combination impart to the wearer the inimitable effect of chic.

VOGUE-ROYAL PATTERNS

For the practical women who make or supervise the making of their own clothes, Royal shows in each issue a certain number of original Vogue-Royal designs for which patterns can be bought at 40 cents, 65 cents, and $1. These patterns are exclusive, because only a limited number of each are sold in each locality.

EIGHT PAGES IN COLOUR

If you ever dreamed of a fashion magazine in which the mode stood out in its natural colours—not horrors in red and green, but the actual tones which the great designers imagined and the best fabric manufacturers have made up—then your dreams have come true. For in each number of Royal, beginning this December, you will find eight pages showing the season's smartest modes in the season's favoured colours. Expensive guesswork in the planning of your wardrobe is eliminated.

OTHER FEATURES

Special articles appear on how to choose and how to judge such details as gloves, shoes, underwear and corsets; on beauty and the accessories that will preserve it; on fabrics and trimmings; on how to wear and care for one's wardrobe; on outfits for an entire season or for some great occasion.



Enjoy winter *and* winter driving

Buick shows the quality of its engineering when the thermometer is hunting zero.

The engine starts easily—runs smoothly, without choking or sputtering. Nothing gives an engine quite so much advantage over cold air as Buick's automatic heat control on the carburetor.

There is power in plenty for deep snow or mud, the power of seventy horses. Twenty years ago, Buick engineering found the most powerful engine—the most economical as well—the Buick Valve-in-Head. And there is nothing quite like Buick Four-Wheel Brakes for firm stops on slippery streets.

Inside the tight comfort of a Buick Coupe, you are ready for the worst in the way of weather. No draughts, no cold spots. Even the windshield, the new Fisher VV one-piece, ventilating vision type, is held firmly in padded grooves.

For the worst days of winter—for any day—to make perfect days more perfect still, there is nothing quite like a Buick.

BUICK MOTOR COMPANY, FLINT, MICH.

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Pioneer Builders of Valve-in-Head Motor Cars

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Buick

WHEN BETTER AUTOMOBILES ARE BUILT BUICK WILL BUILD THEM





SLONE'S
WHOLE PRESERVED
SKINLESS

figs to be served with reverence like a fine old wine

try them

Order us to send you this dozen-jar packet

Ask for the Slone purple packet of 1 dozen 13 ounce jars, at shops where fancy foods are sold. If you can't find them, merely send us your check for $6.50 and we will see that your grocer gets and delivers them to you, or we will ship you the packet direct, charges prepaid.



No rare vintage, however prized or costly, is worthy o more ceremony in its service, than a jar of Slone's Figs

Beautiful and alluring as they are in the glass jar, they fairly scintillate when served in dainty crystal.

So large in size - so rich in the thick consistency of the syrup - that two or three to each portion is abundant

Each fig is perfect; though the skin is entirely re moved, the tender meat of the fruit is unbroken Unlike figs from other climes, these are practically seed less. The choicest figs of the vast Gulf Coast Orchard crop are selected for this particular pack.

If you love the luscious, healthful qualities of figs, a you've known them before, you'll find a new luxury in these bearing Slone's label. Nothing finer produced in all the world.

For your convenience, packed in three sizes: 5 ounce [individual service size]; 13 ounce [family size]; 19 ounce [large hostess size].

Formerly sold largely through exclusive clubs, hotel and on dining cars. Now you can get them at the more exclusive food shops.

GULF COAST FIG ORCHARDS CORP
Carter Building **Houston, Texa**

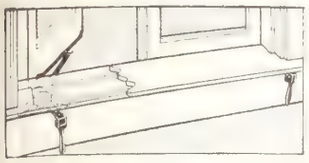
GULF COAST FIG ORCHARDS CORP.,
Carter Building, Houston, Texas.

Gentlemen: You may send me, either direct, transportation prepaid, or to be delivered through grocer whose name appears below, one of your purple packets of one dozen 13 ounce jars of Slone's Whole, Preserved, Skinless Figs, for which my check for $6.50 is enclosed.

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There is only one casement operator on the market with a positive lock at the sash to stop *all rattle* —the

MONARCH Control Lock

This practical, long-lived device permits casement windows to be opened or closed and securely locked at any angle without disturbing screens or drapes. Can be attached concealed or exposed, above or below stool of window.

Booklet FREE

"Casement Windows" tells how Monarch Casement Hardware makes casement windows as practical as they are beautiful. Write for copy—*now!*

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OFTEN the rods are the real secret of lovely curtain effects. And *new, scientific* Bluebird Rods make every beautiful effect easy.

In rust-proof Satin Gold or White Enamel, these rods suit all curtains. In single, double, triple styles they fit plain, bay or casement windows, and French doors. Anyone can attach the sturdy bracket in a few seconds; the rods slip on or off instantly.

Curtains hang straight and true on "Bluebirds" because of the patented stiffening ribs—an exclusive feature. Made by H. L. Judd Co. Inc., New York.

Insist at your local dealer. If he carries Bluebird Rods, he will get them.

"They Make Your" **"Bluebird"** FLAT-Extending CURTAIN RODS Curtains Prettier"

Colonial 4-Poster Bed

GENUINE MAHOGANY

Full panel posts 54" high; beautiful hand carved pineapple tops. Posts are turned and hand carved in colonial design. Head and foot boards are full panel design. Made in Early American finish. Obtainable in price or quality nowhere else. Made in Two Parts

Size of Top of Posts ... 3" x 3"
Height of Headboard ... 42"
Length ... 4'6" ... 5'0" ... 6'1"

Send $25.00 deposit. Guaranteed as represented or refunded. Many equally desirable pieces; send for Booklet C-1

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Freight Allowed Anywhere in U. S.

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For Homes, Schools, Clubs Hospitals, Camps, Factories

Allows free and continuous use of wash stand, sinks, toilets, bath tubs, laundry trays, showers, etc. The septic tank is made of concrete reinforced with steel. Adapts itself for future extensions to other buildings. Can be installed by unskilled labor without expert supervision. Nothing to get out of order. Plans and specifications submitted through your architect, your engineer, or direct.

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Pepper Rock Country Club, Locust Valley, L. I.



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"Yes — we are glad that the

Beautiful birch

we are insisting on for the Trim (and also the Furniture) of our New Home is still plentiful enough in the Northern woods to be attainable at a price easily within our means."



The texture of Birch makes it perfect under enamel, as in the hallway (above) in the home of K. B. C. Smith, Esq., Tenafly, N. J. R. C. Hunter & Bro., Archts.

birch

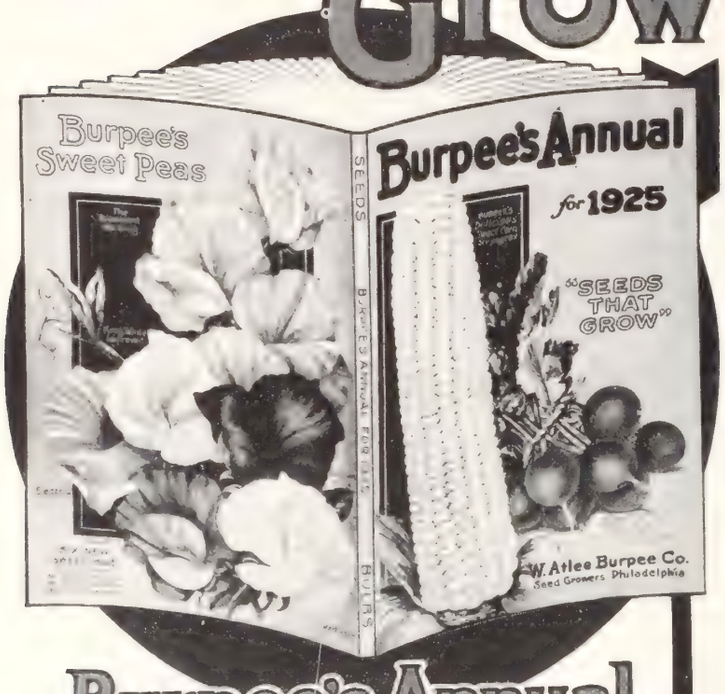
is, truly enough, "the wood for the wise" for all Interior Trim—also Furniture. It is very hard, and thus is practically dent and mar proof. (Are there children in your home?)

The Birch Book is worthy of your Library Table. It comes with our compliments. Will you write for it today?

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OSHKOSH, WISCONSIN

"Beautiful Birch for Beautiful Woodwork"

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Burpee's Annual

The Leading American Seed Catalog

This is the catalog that tells the plain truth about the Best Seeds That Grow. It describes the **Burpee Quality Seeds.**

Market growers and florists use Burpee's Annual as a reference book, and still it is so interesting and easy to read that a million amateurs use it as their garden guide. Burpee's Annual is the most popular seed catalog in the world.

Every variety of seed offered in Burpee's Annual is grown on the Burpee Seed Farms, or by our experienced growers in other parts of the world. Each variety of seed is grown where it matures most nearly to perfection. And all seed sold by Burpee is tested twice in our famous Fordhook Trial Grounds. Burpee's Seeds are tested and Guaranteed.

If you are interested in gardening Burpee's Annual will be mailed to you free. We want you to sow Burpee's Seeds.

FREE SAMPLE. First write for a free copy of Burpee's Annual; then look through the book and select a regular 10c packet of any vegetable or flower seed entirely free, and we will mail it to you postpaid. *This free offer is made to get new customers for Burpee's Seeds and a good [illegible] Mail [illegible]*

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Seed Growers Philadelphia

Send me a copy of **Burpee's Annual** with Order Sheet good for a free 10c packet of Burpee's Seeds.

Name .....

R. D. or Street .....

P. O. ..... State .....



A small conservatory with walls painted in the Pompeian manner was given additional color with painted furniture, oil jars and many flowering plants. Cooper & Gentiluomo, decorators

THE ART-IN-TRADES EXHIBIT

(*Continued from page 132*)

together for mutual advancement and study men who are engaged or interested in the arts and art trades; to study the principles of art as applied to trades connected with the decoration and furnishing of buildings; to harmonize commercial activities with the growing art tendencies of the present time; to encourage feeling and taste for art expression in general; to strengthen the bond among those thus allied by good fellowship and a community of interests."

Five of the interiors shown are illustrated in this article. In addition one was able to see and study such divergent types of decoration as a Spanish-Italian entresol decorated by Raymond Anthony Court—an imposing interior with rough cast walls and interesting tile effects, an English 18th Century dining room decorated by Frank Partridge and Stair & Andrew and containing some fine mahogany chairs by Chippendale in his Chinese manner; also a Georgian living room by the Sterling & Welch Co., a Regency dining room by Henry Fulda & Sons, and a colorful 18th Centur bedroom decorated by B. Altman Co. The walls of this room wer paneled with Zuber paper in a pictur esque Chinese design.

Perhaps the most elaborate of th interiors shown was a large Elizabetha living room decorated by Charles o London. This was an unusually impos ing example of the sturdy decoratio of that period, with fine oak paneling and furniture, armor, lighting fixture and accessories of great beauty.

Other interesting interiors in th exhibit were three small rooms com prising the Colonial apartment don by M. L. Overton. The bedroom o this group is shown on page 132. Th combination living and dining roo of this apartment was simply but effec tively furnished with sturdy mapl furniture copied from early America models. These pieces, excellent in de sign and execution, are ideally suite to the simple dignity of a room of thi kind.



The entire scheme of this French sitting room revolves around the use of crimson and cream toile de Jouy for curtains, wall panels and furniture covers. E. A. Belmont, decorator



Type of Diener's Giant Double Petunia, reduced to about half actual size

Where the World's Famous Petunia Strains Originate

Developing into gorgeously colored blooms six to eight inches in diameter in twelve weeks' time — such are Diener's petunias, his exclusive, world-famous creations!

Blossoms are single or double and edges fluted or frilled. Only the very finest can be had in *Diener's World-famous Strains*.

Special Introductory Offer

No. 8 Ruffled Marvelous Mixed. Largest flowers, beautifully ruffled, and of all colors and variegations. Per packet $.50

No. 14 Diener's Pink Giant. Pure shell pink. Greatest novelty in Petunias. Per packet $.50

No. 24 Giant Double Mixed. Our finest double Petunia mixture. Per packet $.50

Write for Our Catalog

Our catalog will be mailed at the request of every reader of House and Garden mentioning this magazine. It is a work of art, beautifully illustrated in natural colors, and contains valuable cultural information.

It fully describes our 1925 novelties of gladioli, petunias, and dahlias, as well as many other of our originations. Write for your copy NOW. *It is free.*

Richard Diener, Inc.

"Originators and Growers of the World's Finest and Largest Gladioli and Petunias"

Kentfield, Marin County, California, U.S.A.

Planet Jr.

Look for "Planet Jr."

Plant Your Garden Without Touching a Seed

There are folks who still stick to kerosene lamps. Others keep on planting their gardens by hand. Now, while you're eagerly waiting to plant that garden of yours, look into Planet Jr. Seeders. The Planet Jr. Seeder opens the furrow, drops just the right amount of seed, then covers and compacts the soil all at the same time. Your hands don't even touch the seed. Think of being able to plant row after row without stooping or kneeling! You can't imagine how much a Planet Jr. Seeder can add to gardening until you have one yourself. Makes even, sightly rows, easy to hoe.

Now while you think of it, ask your dealer for the Planet Jr. catalog, showing all the famous Planet Jr. Seeders and Wheel Hoes. Or write us for a copy.

S. L. ALLEN & CO., Inc.

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Dept. 34

5th & Glenwood Ave. Philadelphia





WHITESBOG BLUEBERRIES

Actual Size

Grow this delightful new fruit yourself

BLUEBERRIES, large, practically seedless, with a tangy sweetness of flavor. These are the Whitesbog Blueberries—*carefully selected and propagated.* There are seven fine varieties, all reliable and true to name. In addition to their wonderful fruit, Whitesbog Blueberry plants are decorative the year round—with white blossoms, green foliage, leaves of autumn bronze, and red winter twigs.

Write for illustrated circular on varieties and cultivation.

WHITESBOG BLUEBERRY NURSERIES

Headquarters for Purebred Blueberry Plants

JOSEPH J. WHITE, INC.

Box H Whitesbog, N. J.

The Choicest Glads Go First

LOVERS of gladioli have learned that orders for the choice Kunderd varieties must be placed *early.* Although my success in originating the Ruffled and hundreds of other beautiful varieties of gladioli has caused gladioli lovers to call me the leader in gladioli culture, my stocks of the finest kinds are limited. That's why the choicest are the first to be sold out. This year I believe Kunderd Gladioli are more marvelously beautiful than ever. I want everyone to know the joy of growing them—for these wonder-flowers have a long blooming season and are unexcelled as cut flowers.

Write for the 1925 Kunderd Catalog NOW—don't put it off

Then look over the exquisite colored pages. See my latest originations, the Laciniatus, the rarest of all glads. Many varieties pictured and described. Many of them winners of highest honors at gladioli shows. My full cultural instructions show how easy it is to grow gladioli successfully. Place your orders soon and get the benefits I am offering for early orders. Write for catalog today.

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The Originator of the Ruffled and the Laciniated Gladioli



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Trees, Shrubs, Roses, Vines

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Have the satisfaction of doing your own planting and let us have the satisfaction of filling your order with the best stock obtainable. Large or small orders receive the same prompt, accurate attention.

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Send for Our Free Catalog

Here you will find a complete description of all the varieties we can furnish. Just decide on what you want for your planting, fill in the order blank, mail it to us and your stock will be delivered to your home. We pay transportation charges, as you will note by our offer in the catalog.

We grow our stock in our own upland Nurseries. For over 40 years we have been building up our extensive Nursery business by delivering only the best quality stock; grown, dug and shipped under our personal supervision. We sell direct from our 400-acre Nursery and that is why Maloney's customers get better stock at such exceptionally low prices.

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He enclosed his yard with Cyclone Fence to keep the children from running into busy streets—to provide a safe, private place for them to play. And, he soon discovered several other important advantages in fencing: It beautified the premises, made the property more valuable; reduced upkeep costs, prevented trespassing and destruction of property. Cyclone Fence will do these same things for you. Appropriate styles in Wire and Iron. Cyclone "Galv-After" Chain Link Fence Fabric is Heavily Zinc-Coated (or Hot-Galvanized) by Hot-Dipping Process AFTER Weaving. Resists corrosion.

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Harris Blue Butterfly DELPHINIUM

(*Delphinium Chinensis*)

A Beautiful Cornflower Blue

A hardy and unusual Delphinium that blooms the first year from seed sown in the spring in the open ground. It starts blooming the first year in July and the following years much earlier, and continues all summer. It grows 1½ to 2 feet high in bush form and is covered with bloom from ground to top. Beautiful for cut flowers or in the garden. The plants need no protection and will do well in any good soil.

We can also furnish a White Butterfly Delphinium of the same type as the blue. They are particularly handsome when grouped together.

SEEDS THAT WILL GROW

Blue Butterfly, - - Pkt. 10c
White Butterfly - - Pkt. 10c
A packet of each for 16c in stamps

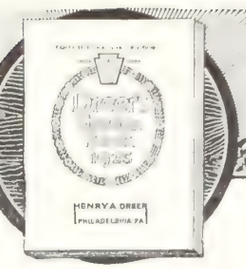
Our new catalog of Harris Vegetables and Flowers, illustrated in color contains many interesting and unusual suggestions for your garden. We will gladly send it free on request.

We are large growers of Vegetable Seeds, Flower Seeds, Gladiolus, Dahlia and other bulbs and many flowering plants. Our catalog offers you the opportunity of buying seeds of a very superior quality direct from the grower at much less than city seedmen's prices.

It will pay you to ask for the catalog today.

Joseph Harris Co., Moreton Farm
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Harris Seeds
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A Real Friend to Gardeners

A FRIEND tells the truth, gives sound advice gladly and offers help to act upon advice given.

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To make a garden, you'll require seeds, bulbs, plants. Which to choose among so many flowers, fruits, vegetables has become a perplexing problem in modern garden making. And it is this very problem which we try to solve for you through the Dreer Garden Book.

The 87th Annual Edition of the Dreer Garden Book of 224 pages requests the opportunity to serve you as a good friend, a loyal guide. Your request will bring it, it's free, of course, and please mention this publication.

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Furnish your garden now
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Koll Lock Joint Columns Entrances Pergolas Rose Arbors
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Childs Seeds

50th Anniversary



Our 1925 catalog is the finest we have ever published. It will be sent free upon request. Contains 140 pages, thousands of illustrations and descriptions, twenty full pages in colors. Many new novelties and attractive offers. Send for copy today. A post card will bring it.

A Few New and Rare Specialties from our 1925 Catalog.

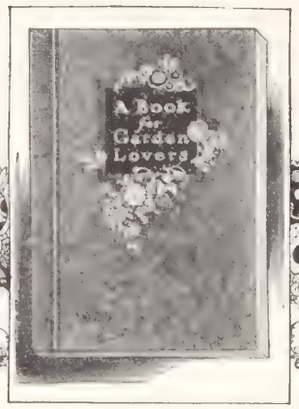
$1700	Petunia Sensation Rich Purple Picotee	50c
$1410	Aster Heart of France	35c
$1688	Sweet William Everblooming	75c
$1678	Bush Verbena	35c
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We will send one packet of each of the above Specialties for $2.00. If purchased separately it would cost $3.15.

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"A Book for Garden Lovers"

is ready for you—Full of helpful planting suggestions and information about the quality and varieties of

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Seeds that are famous for their supreme quality and the truly marvelous vitality that has been bred into them by the most scientific selection under the careful supervision of men who have given a lifetime to the work.

"Now the New Year reviving Old Desire,"—When once again one takes up the pleasant task of planning the new garden it is well to remember that what you wish to buy is not seeds but success and—

"Schling's Seeds Spell Success!"

In proof of this statement let us reintroduce to you that superb variety among Schling's Specialties,



Indian Summer

Indian Summer
Schling's Wonderful New Snapdragon

Not only a new size but a new color—a marvelous rich velvety-copper red—never before seen in snapdragons; indescribably beautiful!

Indian Summer is a princess of the blood royal— ***The New American Snapdragons*** —whose individual flowers are at least one third larger than the largest of other so called giant snapdragons of to-day, with flower spikes rivalling the gladioli in height and vigor.

This is a flower you ***must*** have in your garden this year—the delight and pride of its proud possessor and the envy of all your friends so unfortunate as to have overlooked it. Better send for it at once.

1 pkt. $1.00; 6 for $5.00

Here are the rest of the royal family—you really can't afford to miss one of them!

Golden West. Deep golden yellow with rosy lilac [illegible]

Pathfinder. A lovely tender rose-pink, with yellow [illegible] throat.

Yosemite. Lip and throat of a splendid lilac-purple like our garden lilac [illegible] golden yellow self.

Navajo. Pure delicate canary yellow self without the slightest trace of another color.

Wyoming. Rose [illegible] with golden yellow lip and lilac-red throat. Wonderful combination.

Seminole. Rosy lilac with silky white throat; beautiful.

Narragansett. Delicate rosy lilac overlaid with a glow [illegible] yellow at center.

Tenega. (Sunset). Golden yellow (Autumn Gold) changing toward the center to a bright terra-cotta.

Shasta. A lovely pure white with a fine yellow throat.

Massasoit. Brownish orange characteristic to the wallflower with an undercurrent of coppery [illegible] color.

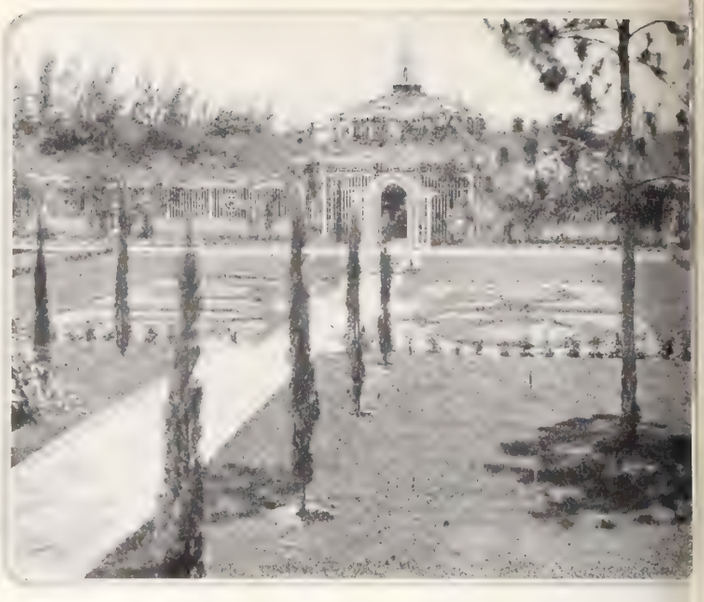
Miami. A delightful tender rose color.

1 pkt. of any of the above, $1.00; 6 pkts., $5.00

Special Offer:— The entire collection — 1 pkt. of each of 12 varieties, $9.00.

Schling's Seeds

618 Madison Avenue near 59th Street **New York City**



The walk that leads to the plant propagation house on the Bindley estate at Cocoanut Grove is flanked by Italian Cypresses and, at the right, by a Caribbean Pine. Kiehnel & Elliott, Architects

TROPICAL PLANTING IN FLORIDA

ROSE L. DICKINSON

ANYONE familiar with the abundance and variety of tropical plant material appreciates the great temptation to indulge in a little bit of everything when laying out a southern landscape plan. This is the reason for the usual spotty effect which, until recently, has been so evident about the many otherwise attractive winter homes in the south. At the present time, however, by the more judicious use of fewer varieties, the true value and beauty of tropical vegetation is being increasingly emphasized.

In Florida, where the perpendicular can be so characteristically accented by the use of the stately Royal Palm or the more picturesque Cocoanut, an interesting skyline is always possible. The contrast in texture and substance of much of the tropical foliage is so great that in mass plantings these points and the vastly differing tones of green must be carefully considered.

Miami offers the winter resident wealth of bloom and verdant growth and the many gardens and fine estates sloping down to the water's edge give evidence of thoughtful consideration of color and design. Who will soon forget the sight, on a Eucalyptus shaded drive south of Miami, of the flaming orange Bignonia vine interwining across the road with the more delicate cloud-like sprays of pale blue Thunbergia? On the other hand when one is confronted by the reds of the Hibiscus and the many magentas which rise up together to offend the eye, one wonders why all garden lovers in that sunny land do not turn more directly to the blue and gold atmosphere about them for their inspiration. One has only to consider

(*Continued on page 140*)



Native trees and a background of blue water form a superb setting for the Stanley Joyce swimming pool at Miami. Kiehnel & Elliott were the architects

Stewart's IRON FENCE
STANDARD OF THE WORLD



Beauty, Protection, Distinction

For town or country home

Used at the recommendation of leading architects on many of the finest known estates in America, Stewart Iron Fence is also right for the more modest lawn or country home. It never has to be replaced—is a life time improvement.

For garden or lawn

For enclosing flower gardens, tennis courts or other grounds at moderate cost, you can choose many attractive designs in Stewart Chain-link Wire Fence. It is strong, lasting, distinctive, economical.

Stewart erection service available everywhere.

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The Stewart Iron Works Co., Inc.
422 Stewart Block Cincinnati, Ohio
"The World's Greatest Iron Fence Builders"





GALLOWAY POTTERY

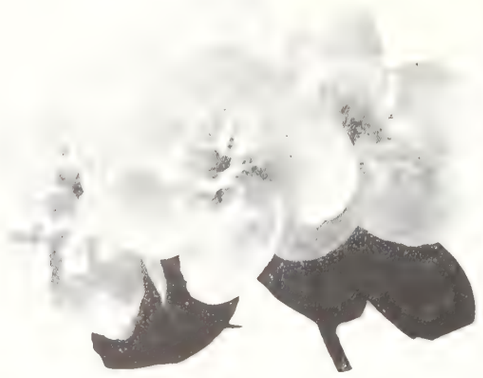
Galloway Pottery adds interest to the garden, sun room and hall. These high fired strong and durable terra cottas includeshapely Jars, Bird Baths and Fonts, Flower Vases, Pots and Boxes, Gazing Globes, Benches, etc.

A collection of over 300 attractive numbers is shown in our catalogue, which will be sent upon receipt of twenty cents in stamps.

GALLOWAY TERRA COTTA CO.
3218 WALNUT ST. PHILADELPHIA.

Popular flowering shrubs

Virginalis, the modern "Mock Orange"



Strong 2-year-old field-grown plants, $1.50 each or $14 00 for ten by express or freight.

HERE is a magnificent new variety of Philadelphus, possibly the best loved of all old-fashioned shrubs. Virginalis blooms profusely. The 2 to 2½ inch pure white flowers are the largest, handsomest and most sweetly fragrant of any known variety—with the longest blooming season. The bush grows to a height of 6 feet with graceful dark green foliage. Send an order for Philadelphus virginalis today and ask also for the 1925

Storrs & Harrison Free Catalog

which shows and describes the finest seeds, plants, trees and shrubs that you can possibly buy. The pick of 1200 wonderful acres is listed—backed by 71 successful years.

THE STORRS & HARRISON CO.

Nurserymen and Seedsmen for 71 years

Box 582 Painesville, Ohio

Better Plants by Farr

1925 Edition



[illegible] the name indicates contains only the best varieties of perennials and shrubs for every part of the garden. Surely you'll be glad to have them.

Better Plants by Farr [illegible] owners. It will help you to select the [illegible]

BERTRAND H. FARR—Wyomissing Nurseries Co.
106 Garfield Avenue, Wyomissing, Pennsylvania

The Roses of New Castle



Are the hardiest, easiest growing, freest blooming rose plants in America. Always grown on their own roots in the fertile soil of New Castle, Ky. [illegible] give you the benefit of a life time experience and the most select list in America. Every desirable rose now cultivated in America is [illegible] and the prices are right.

Our Rose Book for 1925
"ROSES OF NEW CASTLE"

[illegible] Beautifully illustrated in actual colors. Gives all [illegible] Send for your copy [illegible] postal will do.

HELLER BROS. CO., Box 152 New Castle, Ind.



Old Gardener FERTILIZER

The best complete fertilizer, tonic and soil sweetener, for every lawn, garden and home use. Contains in concentrated form the food elements used by professional gardeners and florists.

Gives Wonderful Results

Old Gardener makes plants grow and bloom like magic. Ferns, palms, bulbs and house flowers take on new life almost over night. Worn out soil is quickly freshened and made fertile. Lawns, shrubbery and outdoor gardens respond just as quickly and grow as never before.

Odorless—Easy to Use

No need of using coarse, low-grade odorous fertilizers. *Old Gardener* is absolutely odorless, harmless, clean and easy to use. Will not injure tender seedlings; does not require dissolving in water. Just scatter it on. Plain directions on every package.

In 5 Handy Sizes

Old Gardener comes in 5 sizes, from one-pound can to one hundred pound bag—[illegible] economical size for every purpose. On the basis of plant food contained, it is the cheapest fertilizer you can use.

Try it



[illegible] it on your [illegible] now. Get [illegible] can from your [illegible] garden supply, or we will [illegible] Fertilizer, [illegible] or Can of Home Plant Food with [illegible]

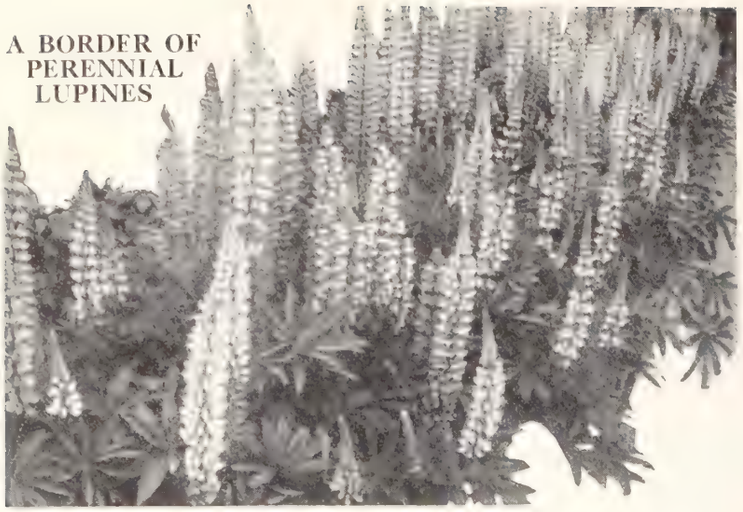
United Chemical Products Co.,
812 Magee Bldg., Pittsburgh, Pa.

Send me [illegible] lb. Can [illegible] of Old Gardener Fertilizer and [illegible]

Name [illegible]

Address [illegible]

Dealer [illegible]





Giant Pastel Snapdragons

Rare Art Shades
for your 1925 garden

Supreme in size and form—even more distinguished for their new and rare pastel colors—are Elliott's 1925 selections in easily grown garden flowers. Old favorites bred to size and beauty hitherto undreamed of. Just as easy to grow as the commoner forms but infinitely more lovely. Available in limited quantities only for 1925.

Elliott's Giant Pastel Snapdragons. Newest and largest of all "Snaps;" unique and most artistic in coloring. Old gold, pastel rose and lavender, warm terra cotta, russet and coppery tones. Thickly clustered blossoms on mammoth 3-foot spikes. Ideal for cutting. Pkt. 35 cts.

Elliott's Sweet Scented Lupines. Delicate, enchanting perfume and a wealth of soft harmonious shades distinguish this famous strain. Hardy perennials, thriving in full sun or partial shade. Frequent cutting prolongs the blooming period from May on to early fall. Tall spires of pink, rose, sky blue, amber, fawn and artistic bicolors. Pkt. 50 cts.

Elliott's Violet Blue Balcony Petunia. One of the most superbly colored flowers we have ever seen—a lovely deep shade of pure violet blue—rare in flowers of any kind and absolutely unique in Petunias. A mass of big, velvety blooms from early summer to late fall. Pkt. 25 cts.

Elliott's Mammoth Pastel Zinnias. The largest strain of Zinnias ever developed and the most beautiful. Not the raw, glaring colors of the familiar types but softer pastel combinations of salmon, rose, lavender, old gold, burnt orange, deep crimson and violet. Flowers often 6 inches across, with deep, full centers. Sensational in every way. Pkt. 40 cts.

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Elliott's "Flower and Vegetable Gardens" for 1925 describes all of the finest varieties of flowers, including many valuable new introductions. Makes garden planning interesting, easy, and resultful. Free to all who are interested in fine gardens. Write for it today.

SPECIAL OFFER One full size packet each of Elliott's new Art Shade Selections for 1925, postpaid **$1.25**

Supply limited: please order early

ELLIOTT NURSERY COMPANY
Established 1889
511 Magee Building
PITTSBURGH
PA.





The Florida climate makes possible the use of a great variety of plants. This courtyard entrance to the home of Theodore Dickinson, Esq. shows a wise handling of native material

TROPICAL PLANTING IN FLORIDA

(Continued from page 138)

the Old World and the shores of the Mediterranean to find the most perfect expression of color values both in the architecture and in the out-of-door setting. Even the simplest French peasant with his courtyard garden, or group of flower pots along the wall, senses the true beauty of the tropical atmosphere and expresses himself in harmony with it.

Of the shrubs which lend themselves most favorably to hedge and border planting in southern Florida, the Carissa *(Carissa grandiflora)*, with its depths of lustrous green, and the Tobira Shrub *(Pittosporum tobira)* are two excellent examples, and if a more subdued, softer green is desired, the Oleander, the Florida Privet *(Forestiera)* and the blue Leadwort *(Plumbago capensis)* are useful in various ways, and beautiful during the winter months. The Allamandas *(A. nerifolia* and *A. hendersoni)*, both shrub and vine, are of value for their foliage and yellow blossoms, the latter coming in January and February a fit companion to the Solanum which, though a vine, is often grown in beds similar to the Briar Roses of the North, with the pleasing effect of a billowy mass of pale blue. The Daedalacanthus *(D. nervosus)* is also a shrub of importance.

In some parts of Florida, along the coast and where the land has been made by dredging, some varieties of shrubs and flowers are grown with difficulty, owing to the lime soil and the salt water. Most of the hardier annuals of the North, however, such as Calendulas, Alyssum, Petunias and Ageratum, can be used with telling effect if started in September or October, and the seedlings set out before Christmas.



There is something architectural about the palm, fitting it ideally for formal drive and avenue planting. Here on the Arthur Curtis James estate at Cocoanut Grove it is well used



Why "Live in Anybody Else's Pocket?"

"One thing I like about my place," said Ex-President Roosevelt, "I do not live in anybody else's pocket." Sagamore Hill, the home of the late Theodore Roosevelt, has a ring of forest all around it, the view extending over the tops of the trees to Long Island Sound.

PLANTING ALL WINTER

is as easily and successfully done as spring and fall planting when Hicks' "Time-Saving" trees and shrubs—grown and prepared for moving at any time—are used. We guarantee them to grow.

It is not necessary for you to "live in anybody else's pocket"; independence and seclusion can be secured even on 50- or 100-foot lots by a barrier of Hicks' "Time-Saving" Evergreens. Plant them now, you will enjoy them this winter. They are beautiful the year 'round, for they never fade.

HICKS NURSERIES
Box H, Westbury, L. I. New York



It isn't Imagination— Such Flavor can't be Bought

FLAVOR in vegetables, like the dew, vanishes early. Once out of the ground the loss begins. Sweet corn loses 40% of its sweetness 18 hours after picking, government tests show. The sugar in all vegetables begins turning to starch the moment they are picked, dulling their fine flavor. Things grown in your own garden *do* taste better.

Days often elapse before market vegetables reach your kitchen. Professional gardeners grow market varieties; they cannot afford to grow tasty little morsels whose juiciness would prevent their shipping.

You can! And Vaughan's **1925 Gardening Illustrated**, shows you just the varieties to plant for flavor and tenderness-for table quality.

This Group Especially Appetizing

Here is a list of vegetables selected for flavor. A package of each will be mailed to you for $1.50—or pick out the kinds you like, 10 cents each.

Beans—Round Pod Kidney Wax
Stringless Green Pod
Limas—Carpentería
Chinese Cabbage—Vaughan's Pe Tsai
Carrot—Nantes Half Long Scarlet
Sweet Corn—Vaughan's Michigan grown Golden Bantam
Cucumber—The Vaughan
Lettuce, Leaf—Prize Head
Head—Vaughan's All Seasons
Romaine—Express Cos
Peas—Laxtonian, dwarf
Quite Content, tall
Squash—Table Queen
Tomato—Vaughan's Select Earliana
Improved New Stone

Vaughan's Gardening Illustrated. A seed catalog unlike others, a magazine of home gardening information, as well as a complete list with pictures, prices and descriptions of everything a home gardener desires or needs. It has 90 colored plates of flowers. A postcard brings your copy.

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Vaughan's Seed Store

Department 11
41 Barclay St.,
NEW YORK



Do You Love Early Spring Flowers?

You can enjoy beautiful spring blooms long before your neighbor's plants begin to blossom.

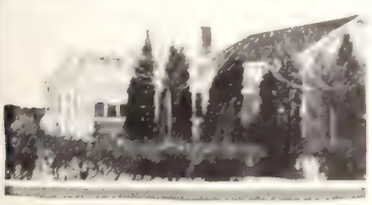
How? Order your greenhouse now and in a very short while you will be able to do your planting for early spring flowers.

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A Callahan Unit-Built Greenhouse can be erected easily and quickly, even in winter. It is shipped in units, painted, with glass all in, hardware attached, ready for quick assembly.

The thing to do NOW is—write for the Greenhouse Book and complete price lists.

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On Own Roots

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Rose lovers everywhere plant Dingee rose bushes. They are strong and hardy pot grown on their own roots. Plant them in June, anywhere. Beautiful new varieties and all the old favorites. Safe delivery guaranteed anywhere in U. S.

"Our New Guide to Rose Culture"
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will help you in planning your garden. Completely illustrated. Describes over 500 varieties of roses, plants, bulbs and seeds and tells how to grow them. It gives you the lifetime study and experience of the *oldest and leading rose growers in America for 74 years.* Contains practical information for the amateur. Limited edition. 76 greenhouses. Established 1850.



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MR. CARL SALBACH—Recognized as one of the foremost Dahlia growers in America.



The New Dahlia
"Our Country"

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10 Flowering Shrubs
Blooming Size 2-3 Ft.

1 Indian Currant (Coral Berry

$5.80 $4.50

Have Delicious Fresh Fruit
Dwarf Fruit Tree Collection

1 Bartlett Pear, 1 Clapp's Favorite Pear. All Dwarf trees. Full sized fruit on small after planting. Take little room. Ornamental.

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Describing over 300 varieties of growing things

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Mary Wallace—Hardy Pillar Rose. A fine, strong self-supporting Rose 6 to 8 feet high, with large, glossy foliage. Blooms freely in Spring and has fine buds in Summer and Fall. Flowers semi-double, bright, clear rose-pink, with salmon base.

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Clusters of beautiful bright red flowers resembling bunches of red carnations. Very double with petal edges serrated and with the beautiful deep green, healthy foliage characteristic of the Rugosa Rose. Blooms continually from early Summer until frost.


Everblooming Red Rugosa

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Excelsior Ornamental Wire Fence is made of heavy wire held by patent clamps, insuring perfect alignment. It is hot galvanized after weaving, the heavy coating of pure zinc giving the fabric complete protection against rust. For residences in city or country. Complete information upon request.

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said a young matron. The couple had just sold their home at a good profit because the grounds had been made attractive with Evergreens, Shrubs and Hardy Flowers. You can make your grounds equally attractive with the help of our Service Department. We will send you

FREE "Practical Plans"

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TRADE MARK

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—bears until very late

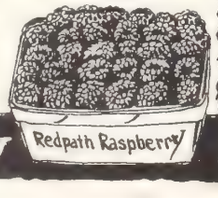
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Beautiful brilliant red (not purple). Fruits in Fall of first year. From ½ acre of Plants set in April, we picked 300 qts. the following Fall. Second season, the Redpath bears heavily in mid-summer. Firm and a good shipper. Absolutely hardy. Trial Offer 5 Plants, $1.00; 25 Plants, $3.50; 100 Plants, $12.00; 1,000 Plants, $100.00.

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Redpath Raspberry

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Dear Mr. McKay,

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Very sincerely,

C. W. Loping

Our customers send in pictures of these trees because they are pleased!

We Specialize in

Dwarf Apple Trees
Dwarf Pear Trees
Dwarf Plum Trees
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They are big bearers of big fruit from small trees. They bear younger and need less room. They are the best trees for the home garden.

Our **FREE** *catalog will tell you about them, also our roses, vines and ornamental shrubs. A Postal brings it to you.*

THE VAN DUSEN NURSERIES
C. C. McKay, Mgr. Box B., Geneva, N. Y.



This Seed & Plant Book is all ready for you

IN it you will find not only the best of the well known flowers, vegetables, perennial plants and roses, but the cream of the new varieties, things you will want in your garden. The new musk-melon "Honey Ball" that you will soon hear so much of. Cream Butter Lettuce of unusual quality. That beautiful morning glory "Heavenly Blue," new and wonderful colors in Shirley Poppies. Our popular Huckleberry that fruits from seed the first season. A new English race of Giant Snapdragon, American Beauty Aster with stems 2 ft. long. Early Orchid Sweet Peas with four giant blossoms on one stem. A splendid list of hardy Perennial plants, Gladiolus, Dahlias, 50 kinds of Everblooming Roses. The best of Everything for the lawn and garden. Send for this Book today. It's free.

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For your Flower and Vegetable garden, Evergreens, etc. For Box Mite, Rose Bugs, Lace Fly, Spruce Gall, Red Spider, Aphis, Thrip and other insects. Recommended by the Officers of the Garden Club of America.

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5 Gals.	10.00

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THE BEST ROSE GARDEN

is only acquired by planting roses that are budded upon certain stocks to which they show an affinity to do well upon. The failure of the rose Los Angeles and other Pernetiana varieties giving us such beautiful yellow, coral and salmon shades is due to the fact that most growers bud all their roses upon one kind of stock.

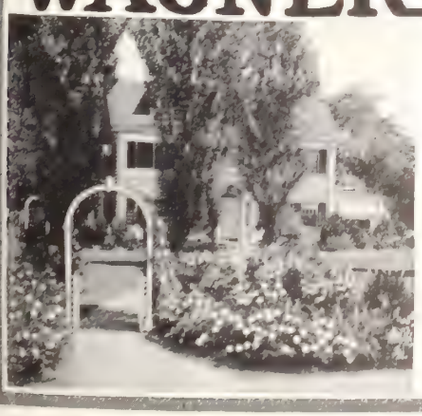
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208 Pages

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THE man who offers you a Melachrino Cigarette never apologizes. He offers to share with you the best that good taste can select.
Plain - - Cork or Straw Tips
M. MELACHRINO & CO.
INCORPORATED
EGYPTIAN CIGARETTES
REGISTERED
TRADE MARK
ESTABLISHED 1879
ORIGINAL
MELACHRINO
"The one cigarette sold the world over"

HOUSE & GARDEN



February - 1925

35th - 36th thousand

PUBLICATIONS Inc

Interesting Characters in This Issue



JELL-O *America's most famous dessert*

WITH the dessert, the dinner reaches its climax. Formerly, rich pastries, heavy puddings and confections composed this course. All these were, no doubt, very delicious, but bad for the digestion.

However, customs change—there arose a demand for a light, nourishing sweet, simple and easy to prepare, yet forming a tempting dessert.

All this we get in JELL-O. Made from purest gelatin, cane sugar and fruit juices, containing only healthful ingredients, it is the best and safest dessert for children.

Our recipe book contains many delightful suggestions for serving Jell-O. Write us for it.

THE JELL-O COMPANY Inc. LE ROY ~ NEW YORK



© 1924 by The Jell-O Company Inc



Res. of James Gilmore, Esq., Reg. Arch., Cincinnati, Ohio. Bishopric Ivoria Cream Stucco over Bishopric Base on all exteriors

Stucco walls of greater strength

Ordinary Stucco



Bishopric Stucco



The enormous tensile strength of Bishopric Stucco is illustrated here. This is just one of the Bishopric guarantees of permanence on the wall.

How Bishopric provides *lasting beauty and protection for* your home

Rare beauty of shade and texture, with permanent protection from the elements are exclusive Bishopric qualities that are being appreciated more and more by those interested in home-building. BISHOPRIC is a super-stucco with greatly increased strength, thus providing durability and protection so vital to every building, whether it be large or small. In Bishopric only can be obtained the wide variety of beautiful shades and textures now demanded by those who appreciate the best. With Bishopric, beauty and protection go hand in hand.

Tensile strength tests show BISHOPRIC far superior to other stuccoes.

BISHOPRIC is fireproof, magnesia rock used is the same as that used to line furnaces and smelters — Tremendous heat has no effect on it.

BISHOPRIC is thoroughly water-proofed by a secret process shutting out moisture, cold, heat, wind and vermin.

BISHOPRIC Insulation Qualities are practically perfect, retarding heat and cold, eliminating objectionable noises.

BISHOPRIC requires no painting or renewing—A wall built to stand for generations.

In mansion or bungalow, Bishopric Stucco has a place, whether laid over stately lines or designed after those quaint cottage effects, now so popular.

Bishopric Stucco endures in every clime, retaining its strength and original color in temperatures of either extreme. Economical in original cost, negligible in upkeep, warm in winter and cool in summer, BISHOPRIC STUCCO over BISHOPRIC BASE not only wins friends but keeps them. And no wonder, for it yields itself to any form and endures from generation unto generation.

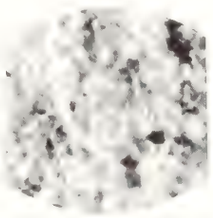
An interesting booklet, "Bishopric For All Time and Clime," illustrated with photographs of beautiful houses built with Bishopric Stucco, plaster and sheathing units will be mailed you Free.

Bishopric is Sold by Dealers Everywhere

BISHOPRIC MANUFACTURING Co.
[illegible] W. CINCINNATI, OHIO

BISHOPRIC MFG. CO. OF CALIFORNIA
[illegible]

Ordinary Stucco



The average stucco being marketed today is extremely porous and therefore NOT WATER-PROOF. Notice the spongy porous formation in this enlargement and compare the density of Bishopric shown below.



Bishopric Stucco

BISHOPRIC STUCCO *over* BISHOPRIC BASE

"A Complete Wall Unit for all Time and Clime"

An Indian once traded Manhattan Island for

A STRING OF RED BEADS

An Indian once swapped Manhattan Island for a string of red beads. ¶ Not so long ago a fellow in Texas traded a great tract of now priceless oil land for a span of gray mules. ¶ And last year a lot of smart people paid $1000, $2000 — even $3000, more for a closed car than an open car of the same make would have cost them. ¶ These are historical facts.



AS long as people knew very little about downtown New York real estate, or oil land, or Closed Cars — great *unconscious* economic losses were sustained.

Today, you couldn't get very far in New York on a string of red beads. The owners of the oil land probably aren't scanning the market pages for quotations on gray mules.

And after people see the *New* Marmon Standard Sedan *at only $130* more than the open car, getting a fictitious price for any closed car is going to be a tough selling job.

People have begun to figure how much more it *really should* cost to make a *closed car.* When people begin to figure, they ask questions. And when they begin to ask questions

—something always happens!

The people's own common sense tells them that it shouldn't cost a great deal more to make a *genuine sedan* than it costs to make an open car — and they are ready to fight their case out to a finish on every *Automobile Row.*

As soon as people learn to count to *"twelve"* — all the scientific salesmanship in the world, advertising and midnight conferences, can never sell *eleven* eggs to the *dozen.* The people are awake now, and they are simply *not* going to pay any *inflated* difference for closed cars.

In the *fine* car field, Marmon is probably not the first to *recognize* this situation

— but Marmon is unquestionably the first to *meet* it.

Marmon has adhered rigidly to *genuine closed car design* with four [4] doors, and produced a *sumptuous Standard Sedan* — a *Marmon* Sedan

— on the famous standard 136-inch wheelbase Marmon chassis

— with the famous Marmon *six-cylinder* engine

— *at only $130* more than a Marmon *open car;* and Marmon open car values have always been recognized as sound and fair.

Such a feat in manufacturing alertness and skill bodes well for *the New Marmon Program.*

Uppermost in the minds of everyone is that relentless standard of *value measurement* — the never-changing diameter of a dollar — and the stubborn determination to get the *most* for the *money.*

It is a striking commentary on the native intelligence of the American people, and their sense of values, that today the Marmon factory is busier than at any time in its history — building in volume these new Standard Sedans *at practically open car price.*

NORDYKE & MARMON COMPANY, *Established 1851,* INDIANAPOLIS, INDIANA

The NEW MARMON

"It's a Great Automobile"

NEW MARMON STANDARD SEDAN, *only $130 more than an open car*

HOUSE & GARDEN

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Vol. No. 47, No.

BUILD THE NATION SECURELY WITH

INDIANA LIMESTONE

THE NATION'S BUILDING STONE

BUNGALOWS are friendly, snug little houses into whose society the bungalow built of limestone is an interesting new-comer. It has an air of substantial comfort and deep-rooted permanency that make it distinctive.

Rock-faced Indiana Limestone laid up in random style, as illustrated in the photograph below, is most effective in small house construction. It produces walls that have an unusual patterned effect.

It is most often used as a veneer for a stud frame construction, in which case it is as entirely satisfactory as if the entire thickness of the wall were built of stone, and is lower in cost, being only slightly in excess of that of less durable materials.

A Portfolio of designs of Indiana Limestone houses will be sent upon receipt of 50c. Address, Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana.

Interesting Facts About INDIANA LIMESTONE

Number One

Thirty million years ago in southern Indiana a vast ocean was lashing onto its shores billions of minute shell-bearing animals, shell fragments and other marine substances. Today in this district, throughout an area 40 miles long and 5 miles wide, underlying Lawrence and Monroe Counties, huge cranes are lifting enormous blocks of building stone from the world-famous Indiana Limestone quarries. Under a microscope this stone shows the tiny shells of the prehistoric deposit.

In this bungalow the [illegible] to the facing used [illegible] to increase the cost [illegible] little under 6%.





An Enduring Favorite

EMBOSSED Queensware, first made by Josiah Wedgwood about 1770, long has been a favorite with those who delight in beautiful things for the home. The graceful shapes of the pieces, following the classical in design, the warmth of texture of the softly lustrous body, and the delicate tracery of the embossing—applied by hand—combine to give this ware a charm and individuality which is quite irresistible.

Developed in two color combinations—cream on cream and blue on cream—this ware may be had either in the complete dinner service, or in a wide variety of single pieces. For gift purposes Embossed Queensware is unsurpassed.

Our illustrated booklet "C" will be sent upon request

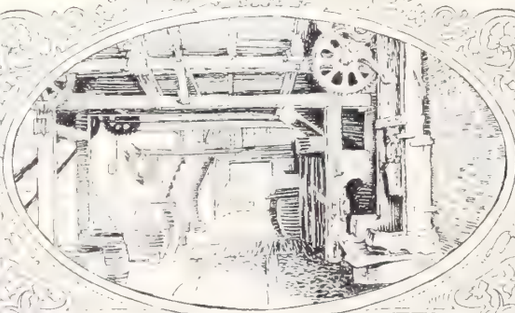
Mark on China



Josiah Wedgwood & Sons, Inc.
OF AMERICA
255 FIFTH AVENUE · NEW YORK
WHOLESALE ONLY
Potteries: Etruria, Stoke-on-Trent, England

Mark on
Jasper, Basalt,
Queen's Ware, Etc.
WEDGWOOD







Old Crushing Mill, Etruria Potteries

COLLECTORS' PIECES AND REPRODUCTIONS
are presented in Macy's Midwinter Furniture Sale



A gay little hallway provides an appropriate setting for the lowboy, beloved of collectors. In old maple, $98.50.



Among the reproductions is this draw leaf table in maple, $76.50. The reproductions of Old Shaker chairs, in elm and cherry, are $9.84 each



Ladies' dressing [illegible] cherry, $25.



Indicative of the pieces offered in the new section of Collector's Furniture is this maple bed with curly maple posts, $109. The maple highboy and pine chest are $248 and $46.50, respectively.

Curly maple desk, $187.

The accessories and hooked rugs shown here are from "The Corner Shop," also on the seventh floor

TO ANSWER the increasing demand for furniture that has the mellowness and charm of age, Macy's has opened a section devoted to furniture made of old wood. Some of the pieces in this section are originals which have been restored, others are exact copies of early work, made in cabinet shops of today from wood, toned and enriched by time. And just now when Colonial pieces are so desired, your attention is particularly called to these collectors' pieces in old pine, old maple, and curly maple —consisting of highboys, chests, bureaus, beds, etc.

There are also offered in this sale many true reproductions, which are faithful to the originals in every detail as well as in the spirit in which they are rendered.

These pieces are offered at Macy's lowest-in-the-city prices. A brilliant example is the genuine copy of an old Pennsylvania Shaker chair shown here. Of elm or cherry, and covered in old fashioned calicos, it costs only $9.84.

R. H. Macy & Co. Inc.

34th ST. & BROADWAY NEW YORK CITY



© Mishkin

CHALIAPIN
as
BORIS GODUNOFF
with
THE CHICAGO
CIVIC OPERA COMPANY

"I have chosen the Baldwin Piano in preference to others, because I find it the most admirably suited to my accompaniments."

Chaliapin

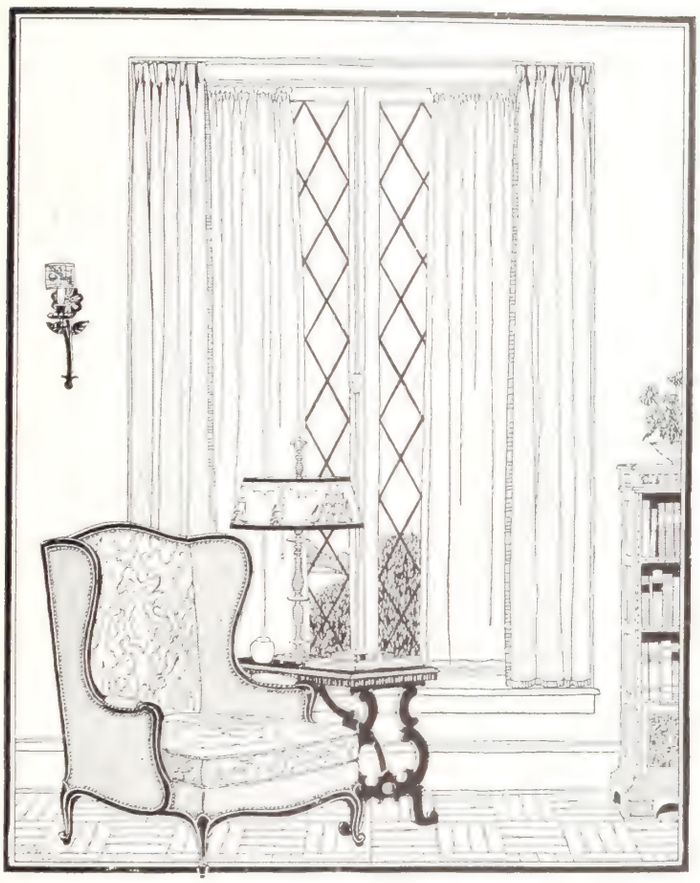
Whenever Chaliapin, Rosa Raisa or Giacomo Rimini—stars of the Chicago Civic Opera—sing with piano accompaniment, the piano is a Baldwin. For the Baldwin has been selected as the official piano for the artists of the Chicago Civic Opera Company. That loveliness and purity of tone which appeals to every exacting musician is found in all Baldwins; alike in the Concert Grand, in the smaller Grands, in the Uprights, and in the Reproducing Pianos. The history of the Baldwin is the history of an ideal.

Baldwin

A request by mail to the nearest Baldwin show rooms, as listed below, will bring you complete information regarding models and prices.

THE BALDWIN PIANO COMPANY

CINCINNATI CHICAGO NEW YORK INDIANAPOLIS LOUISVILLE ST. LOUIS DENVER SAN FRANCISCO DALLAS



IN THE LIBRARY OF THE HOME INTERIORS, LEADED WINDOWS ARE HUNG WITH GOLD GAUZE AND BANGING OF GILD ANTIQUE SATIN

Window Treatments

That Are Guides to Good Taste

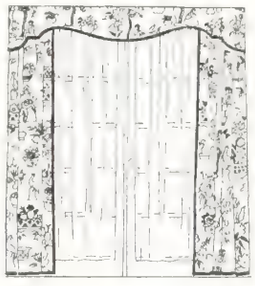
Charm—personality—that elusive quality of windows decorated in good taste, is found in the six new rooms on the Sixth Floor, known as the *Home Interiors*. In each room a different type of window decorated with fabrics from our Drapery Department, suggests the most modern and attractive ideas in window treatments.

Lord & Taylor

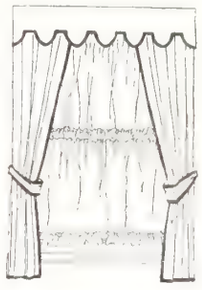
FIFTH AVENUE · NEW YORK



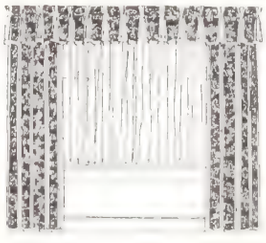
Gay glazed chintz blinds in the sunroom contrast with hangings of plain casement cloth in natural color.



An old Chelsea pattern is charmingly conceived in these English hand-blocked linen hangings over silk gauze, in the living room.



In the bedroom, cheerful buttercup yellow is the color of the glazed chintz hangings and tiebacks, banded with mulberry taffeta.



Both color and dignity are achieved in the dining room with lavender striped damask hangings and valance over mauve sunfast silk net.

HOME INTERIORS
SIXTH FLOOR

THIS IS A STUDEBAKER YEA



ABOVE all things, it is a car to meet precisely the wishes of the cultured. Long lined, stylish, *debonnaire,* it strikes the happy medium between dignity and smartness, with good taste.

Lavishly equipped, its every accessory is expressive of luxury. Every blend of color, fitting and upholstery is expressive of simplicity.

Powerful, instantly alert to slightest touch of accelerator or wheel, incredibly silent at all speeds, it marks those things you most desire in a motor car.

Low price, due to Studebaker's uniquely fortunate manufacturing facilities, is its only contrasting feature.

The new Studebaker Big Six Sedan is priced at $2785, f. o. b. factory. There are fifteen new Studebakers, ranging in price from $1125 to $2860.

STUDEBAKER

An Amazing Success!

The Encyclopaedia Britannica

in the New Form

at nearly HALF the PRICE

of the famous Cambridge issue

THE publication of the Encyclopædia Britannica in the New Form at a sweeping reduction in price has proved an amazing success.

Within a very few months 20,000 sets were sold. This tremendous demand completely exhausted the first two printings. As a result we were forced to order a new printing early last December, and the first sets have now come from our presses.

46% *Saving*

Today, therefore, we can again offer the large page, large type Britannica, complete and latest edition, *at a price reduction of 46 per cent!* This will be good news to all who failed to order in time to obtain one of the sets of the last printing.

It is news of the utmost importance to you and to thousands who have said, "Some day I will own the Encyclopædia Britannica."

It means that you have the opportunity, if you act promptly, of obtaining this wonderful set of books together with a handsome free bookcase, at a price so low that every person, no matter what his circumstances, can afford it.

Everyone can now own the Britannica

It is no wonder that the Britannica in the New Form has made a sensation. There is no work of reference to compare with it as a source of authoritative information—yet the Britannica in the New Form costs less than others. The unprecedented success of the New Form is proof that here at last is the ideal Britannica.



This Beautiful Bookcase Free

This beautiful bookcase, in mahogany finish, especially designed by Maple & Co. of London, will be given free with each set in the New Form while this offer lasts.

Contents identical with issues selling for twice as much

These are the big features which make the New Form so popular:

1—The large, clear type—printed from the plates of the famous Cambridge issue, on clear white opaque paper, thin but durable.

2—Handsome appearance of the 16 double volumes bound in green cloth or half-morocco.

3—Beautiful free bookcase, in dark mahogany finish, fitted with glass doors.

4—Saving of 46% in price as compared with the celebrated Cambridge issue.

5—Easy-payment plan, by which you can have a set delivered to your home for an initial payment of only $5.

Do you own a radio set, a phonograph, a typewriter or a washing machine? Any one of these things costs more than the Britannica in the New Form at the present sweeping reduction in price. And you can obtain this great set of books for a first payment of only $5, paying the balance in small monthly amounts.

The Britannica in the New Form is the newest and latest issue, containing not only a full and authoritative account of the World War and its momentous consequences, but all the latest developments in industry, art, science, invention, etc. It contains 49,000,000 words, 33,000 pages and 15,600 illustrations.

Our third printing cannot last very long, and it is impossible for us to keep pace with the demand. We offer you the opportunity to obtain your set *now*.

Write for free booklet

It tells all about the Britannica in the New Form, reproduces a number of specimen pages (many in color), explains easy terms of payment, and tells how our experts made possible such an amazing reduction in price. 56 pages of interesting reading! Free on request if you mail the coupon promptly.



Mail this coupon today!

THE ENCYCLOPÆDIA BRITANNICA, Inc.
342 Madison Avenue, New York HG1-A

Please send me, without cost or obligation, a copy of your 56-page booklet describing the Encyclopædia Britannica in the New Form—at the special 46 per cent saving and full details of your easy terms of payment.

Name .....

Address .....



The lace-like etching of the Orient design adds loveliness to the grace of the pitcher, goblet and finger bowl (with plate) shown here. Every piece of glassware leaves our factory bearing this brown and white label.

Fostoria

Fostoria

FINE CRYSTAL AND DECORATED GLASSWARE

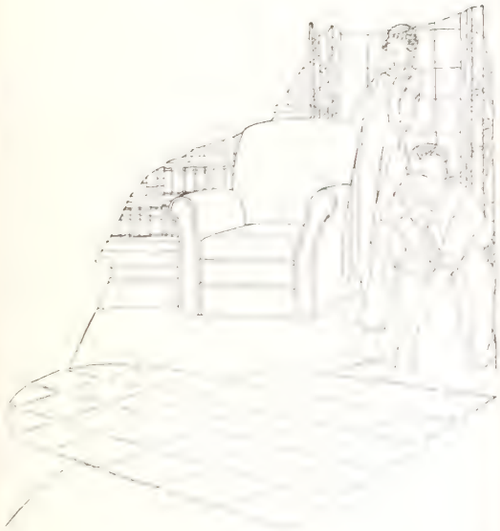
Let the shining magic of crystal give radiance to your table. . . . Choose from the wealth of new Fostoria designs a style that suits your taste and your table service exactly. You may like the richness of the gold-encrusted ware. You may prefer the formal grace of the hand-blown etched crystal. The wondrous lights of the iridescent glass may appeal to you; or clear green, gay amber, or canary-colored glass may please your fancy. . . . From time to time you can add to your Fostoria set. Salad plates and a salad bowl, perhaps. Compotes, nappies, bonbon dishes can be perfectly in keeping with the rest of your service. . . . You will find Fostoria in the finest shops at prices that are reasonable. In "The Little Book About Glassware," Fostoria tells you secrets of table decoration and gives you precious information as to what is absolutely correct in glassware service. Send for this book today. Address The Fostoria Glass Company, Moundsville, W. Va.

Superb in tone, cased by craftsmen—yet low in price

FOR 102 YEARS, it has been the ideal of Brambach's makers to produce the finest moderately priced grand piano made. Today, the result of this effort is plainly evident . . . a grand of exquisite lines, and with a surpassing beauty and resonance of tone.

The Brambach Baby Grand has that unmistakable atmosphere which only a grand can give. And even the smallest home can have it, for a Brambach needs no more space than an upright.

We will gladly mail you a free paper pattern showing how very little space is required. A Brambach will be placed in your home upon the smallest possible payment; the balance on terms surprisingly small. Just send the coupon to us today.





BRAMBACH
BABY GRAND
$635 and up f.o.b. N.Y.

BRAMBACH PIANO CO.
Mark P. Campbell, Pres.
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Please send me paper pattern showing size of the Brambach Baby Grand.

Name _____

Address _____

Now is the time to make repairs



This is the logical time to make repairs and alterations.

Winter weather conditions have relieved the stress of new building; contractors can give their attention to your needs; labor is plentiful.

The ideal wall and ceiling material for repairs and remodeling is Sheetrock, *the fireproof* wallboard. It is economical. It is permanent.

Use Sheetrock to ceil the attic, make partitions, line the basement and the garage, make weather-tight, draft-proof, insulating walls and ceilings in any building.

This gypsum wallboard is unaffected by freezing cold or damp. It is easy to erect in any weather—saws and nails like lumber—comes in broad, high sheets that are factory cast and all ready for use—needs only to be nailed to the joists or studding to make *rigid, non-warping, fireproof* walls and ceilings.

Sheetrock is made only by the United States Gypsum Company. Your dealer in lumber or building supplies sells it.

Write us about your plans for repairs or new construction, and we will send you a sample of Sheetrock and a free copy of 'Walls of Worth," showing its many economical uses.

Sheetrock is inspected and approved as an effective barrier to fire by the Underwriters' Laboratories, Inc.

UNITED STATES GYPSUM COMPANY

General Offices: 207 West Monroe Street, Chicago, Illinois

SHEETROCK

The *FIREPROOF* WALLBOARD

Reg. U. S. Pat. Off.



PROTECTION

...ductor pipes, gutters and roofing made from ...se Head Zinc protect the structure of which ... become a part. Every thinking owner insures ... buildings against destruction by fire—yet rust ...es three times as much damage yearly as fire ... lightning combined. Horse Head Zinc can- ... rust.

...here is no more permanent metal for roofing ... roofing accessories than Horse Head Zinc. ...s the cheapest of all permanent metals in first ... and the cheapest of all metals, permanent or ... porary, in final cost.

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New Jersey Zinc



The NEW KELLY FLEXIBLE CORD

The easier-riding, longer-wearing tire made possible by the KELLY *Integral Bead construction*

After many months of experiment and testing, Kelly-Springfield has perfected and is now building a new cord tire which it honestly believes is the best tire that has ever borne the Kelly name.

The new Kelly Cord is more flexible than any previous cord tire. The Integral Bead construction not only makes the carcass of the tire more flexible but makes it possible to use a flexible *tread.*

Because both carcass and tread are flexible, the tire is easier-riding.

Because the tread is tough and rugged and the construction of the tire such that it absorbs road shocks instead of resisting them, it is longer lived.

It is economical, not alone because of its wearing qualities but also because the tread is so scientifically designed that it affords a maximum of traction and non-skid protection with a minimum loss of engine horsepower.

The Kelly Flexible Cord is a real step forward in tire design and construction. It offers to the car-owner a combination of comfort and mileage that it has hitherto been impossible for him to obtain.

For sale wherever there is a Kelly dealer.

The new KELLY *way*

By the use of an entirely new and radically different process of manufacture, used only by Kelly, the bead is formed by enclosing strips of insulated braided wire in the loops formed by the cords, which, instead of extending merely from bead to bead as in the ordinary construction, are continuous, from the beginning of the inner ply to the end of the outer. Thus the bead is actually a *part* of the tire from the first, instead of being set into it later and held in by adhesion.

The cords are not cut off at the beads, but are continuous and are built in at an absolutely uniform tension, so that the tire naturally has more "give" and flexibility. The bead *cannot* break out or separate, and since there is no stiffening of that part of the sidewall nearest the rim, a source of possible trouble is removed.



We cannot emphasize too strongly the fact that this new construction is not a mere "selling point," but is a real advance in tire building that means a definite and tangible value to the tire user.

KELLY-SPRINGFIELD TIRE CO. 250 WEST 57th ST NEW YORK, N



You'll Find that Steel Window Beauty

Is a Matter of Choice—Not of Price

"I've always wanted English Casements with their attractive narrow bars and small panes, but I thought the cost was prohibitive. My contractor used Fenestra throughout my new home and they actually cost less than wood."

The Owner of a Fenestra Home

POSSIBLY you too have always thought that the beautiful English Casements you so often see in the larger types of homes would greatly increase your building cost.

Like many home builders you've admired them, you've instantly sensed the architectural beauty they add to any home but because of your belief that the cost was too high, due largely to their attractiveness, you've never considered steel windows seriously. Isn't that true?

And it's not surprising because steel windows with their extra beauty, extra durability and extra usefulness did cost more a few years ago. But that isn't so today. Fenestra has retained all the beauty, all the durability, all the advantages of the old English Casement and through modern manufacturing methods has reduced the cost to the point where you can have steel windows throughout your home at little if any greater cost than wood.

Let us tell you more about steel windows and *how easily you can have them in your new home.*

Fenestra Basement Windows

Of course you'll want [illegible] *basement.* These solid steel windows admit as much [illegible] light and air than wood windows. They are more secure against fire and intruders, they cannot warp or stick and they last as long as the building.

Fenestra Utility Windows

And you can have steel windows in your garage. These improved steel windows have a wide, easily operated ventilator that allows dangerous gases to escape, insuring safe ventilation. Their broad panes admit far more light than wood windows of the same size. They are fire-resistant and more secure, yet their cost is surprisingly low.

DETROIT STEEL PRODUCTS COMPANY
H. G. C-2256 East Grand Blvd. Detroit, Mich.

Fenestra

for homes and apartments
schools and institutions
commercial buildings
all industrial structures

The hidden comfort



Now the simplest house can have i

A story we have waited three years to tell

THOSE who live in costly homes have, for years, enjoyed a comfort others have been obliged to do without.

A cosy warmth in winter and pleasant coolness in summer that thick walls and tiled roofs alone cannot explain.

A peaceful quiet that deep, soft rugs alone cannot produce.

People in these homes live better, happier lives. They sleep better—no rooms are ever hot on summer nights. Their health is better—temperatures in every corner of the house are always even, and there are no draughts. Their nerves are steadier because their homes are quieter.

What is the secret? It lies hidden in the method of construction—something that hitherto few have been able to afford.

But now, for the first time, the simplest home can have it. Now home building methods have been completely revolutionized and wholly new standards of comfort and healthfulness established. That is why we say this is the most important building story ever told.

The hidden factor

The thing that gives expensive homes this greater comfort is known to architects and engineers as insulation—heat insulation.

Its principle has long been known. Modern science has evolved insulation of high efficiency. Your icebox is insulated to keep heat out. Your thermos bottle is insulated to keep heat either in or out.

Insulation, in a word, is *a means of stopping the passage of heat waves.*

Ordinary building materials, such as wood, brick and stucco, cannot do this; they have little insulating value. Heat waves pass through them just as radio waves do. Scientific tests have proved that from one-fourth to one-third of the heat generated to warm an ordinary house is lost through the solid walls and roof. You can see this by noting how much quicker the snow melts on the roof of an occupied house, due to escaping heat, than it does on an unoccupied, unheated one.

To stop this waste, to gain a greater year-round comfort and healthfulness, architects have for years put inside the walls of costly homes certain insulating materials.

But these materials have always represented an extra cost—something to be had by only the few who could afford them.

The story we have waited three years to tell

Then, three years ago, we put upon the market Celotex, the first insulating *lumber* the world had ever seen. For the first time it became p sible to build a completely insula house practically without ex cost. Into the simplest home co at last be built the comforts of t finest mansion.

In these three years thousands home builders in every part of t United States and in many forei countries—in warm and cold c mates alike—have found comf and protection against torrid s or winter blast in Celotex hom It has completely demonstrated amazing qualities. Wherever bui ers learn of it, the old style he leaking home begins to disappe and the new type Celotex home take its place.

Read the remarkable story Celotex on the opposite page—t industrial romance of its discove how it is used, and how it enabl you to get, a *new* degree of comf in the home you build or buy.

of costly homes

OTEX is not merely a new type ulation. It is a wholly new and e material—a material different any other made, grown or mined.

lotex became a reality when years entific research ended in the dis- y of the remarkable qualities of se—a cane fibre—one of the long- d toughest fibres known in any or tree in the world.

day gigantic machines, a thousand n length, run day and night, fab- ng from this bagasse fibre endless of strong, rugged lumber. It con- millions of invisible, *sealed* lls, the best of all insulating s known to science. It comes u in broad, clean boards, the remarkable building material put upon the market.

Only in Celotex— **the three** *advantages combined*

tex has, first of all, insulation at-stop value equal or superi- any insulating material hith- known. Celotex used on ex- r and interior walls is equal, as ation, to three and one-third s of solid wood, twelve inches lid plaster, twelve inches of solid , or twenty-four inches of solid rete.

has a sound absorbing co-efficient %, placing it high among the most ent materials for absorbing sound.

t, combined with these qualities, tex has what no other insulating ard-absorbing material possesses. alls it has many times the structural th of the wood lumber it replaces.

How Celotex is used

You use Celotex on the outside walls of your house and under the roof in place of the rough lumber known as sheathing. Test after test by unquestioned authorities has proved that a wall sheathed with Celotex is several times stronger and more rigid than one as ordinarily sheathed with lumber.

This use of Celotex gives you heat-insulation without extra cost.

You use Celotex in place of lath, as a plaster base. Plaster *bonds* with Celotex and produces a wall many times stronger than one made of plaster and lath. And a wall less likely to crack.

This use of Celotex also gives you heat-insulation practically without extra cost.



Some view the roof of an uninsulated house when covered with [illegible] the other exposing the roof boards

Build this extra comfort into **your** *home*

Thus, it is seen, Celotex brings to your home a larger measure of comfort at practically no additional expenditure.

It is not an added building expense, as was the old type of heat-insulation. Wherever used Celotex replaces and saves the cost of wood lumber and any other form of insulation. And so superior is it in insulating value and structural strength that it is being used everywhere today in many of the most expensive of homes.

Your house, built with Celotex, will be warm and snug on the coldest days. There will be no "cold rooms" or "cold sides" when the wind blows from certain quarters. An even, healthful temperature will be easy to maintain. *And your fuel bills will be cut approximately one-third.*

In summer your home will be delightfully cool. A peaceful, dignified quiet will pervade it. In it you and your family will find life better.

Whether you are going to build or buy a house see that Celotex is used and have these comforts which only costly homes have had before. Build your home in accordance with the *new* standards of construction and insist upon them when buying a new home built by others. Guarantee the present comfort and the future resale value of your home—with Celotex. Write us for additional information on the value of insulation and how to use Celotex to secure it. Fill out and mail the coupon—now.

THE CELOTEX COMPANY
645 No. Michigan Ave.
Chicago, Illinois
Branch offices:

(See telephone books for address)

New York	Chicago	Philadelphia
Boston	Pittsburgh	Cleveland
Washington	Detroit	Milwaukee
St. Louis	Kansas City	Indianapolis
Minneapolis	St. Paul	New Orleans
Dallas	Denver	Salt Lake City
Los Angeles	San Francisco	Seattle
Portland		London, (Eng.)

DEALERS: *This is the first of a series of [illegible] advertisements that will carry the story of Celotex to the home-builders of your community. The rapidly growing demand for Celotex offers you a valuable sales opportunity. Write or wire for details of the Celotex proposition to dealers.*

At a pressure equivalent to wind or tornado pressure, frame sheathed with Celotex was only slightly out of plumb



At a pressure less than one-fifth of this pressure frame sheathed with wood was racked more than eleven times as much as Celotex

[illegible] Portion of the result of one of many tests [illegible] Laboratory of Purdue University. Here [illegible] of Celotex and [illegible] of wood sheathing [illegible] Celotex and wood sheathing [illegible] Celotex and [illegible] ordinarily sheathed with lumber

CELOTEX
INSULATING LUMBER

FACTS about CELOTEX

Celotex comes in stock sizes. Thickness, 7/16 of an inch; width, 4 feet, lengths, 8 feet, 8½ feet, 9 feet, 9½ feet, 10 feet, and 12 feet.

The weight of Celotex is about 60 pounds to the hundred square feet, making it easy to handle and economically applied.

Celotex is sawed like ordinary lumber and is nailed directly to all framing.

The great durability of Celotex permits it to be piled outside and handled, in every respect, just as wood lumber is handled.

Any type of exterior finish—siding, clapboard, stucco, brick veneer, etc.—is applied over Celotex in the same manner as over wood sheathing. Any kind of roofing can be laid over it.

Standard prepared gypsum plaster is applied directly to the surface of Celotex.

Celotex is waterproofed. It can be painted and used as an exterior finish.

Other CELOTEX *Uses*

Celotex has many uses other than in dwelling houses. Mail the coupon for full information on any of the following:

Interior wall finish—the beautiful fabric surface texture of Celotex makes it admirably suited for interior finish in many forms of beautiful wall treatment. It may be left in its pleasing natural finish, or painted, stained, or stenciled.

Industrial buildings—especially as roof insulation and to eliminate condensation of moisture.

Office buildings—for sound absorption.

Auditoriums, churches, schools, etc.—for acoustical correction.

Apartment buildings—for insulation, plaster base and sound absorption.

Small buildings—summer cottages, garages, etc.

Special farm uses—incubators, chicken houses, vegetable and fruit storage, stock barns, milk houses, potato warehouses, etc.

Attic insulation—in homes already built.

Refrigeration—refrigerators and cool rooms for the household or for stores and markets.

Refrigerator cars—Celotex is in use as insulation in more than 13,000 refrigerator cars.

Shipping boxes—Celotex is manufactured in a special thickness for this purpose.

A book of 25 homes for 50 cents



"Your Home," a book of 25 ideal small homes will be invaluable to you if you are building. Based on plans prepared by the Northwestern Division of the Architects' Small House Service Bureau of the United States, an organization of architects controlled by the American Institute of Architects and endorsed by the United States Department of Commerce. Contains block plans, perspectives, descriptions, landscape suggestions. Embodies the most advanced ideas in design, economy and convenience. Complete working plans, specifications and bills of materials for any house in this book can be obtained at low cost. To get "Your Home," enclose 50 cents in stamps with coupon below.

COUPON

THE CELOTEX COMPANY, Dept. 2
645 North Michigan Avenue
Chicago, Illinois

Put a cross in the square indicating the booklet desired

☐ Please send me free of charge the booklet describing the general and special uses of Celotex.

☐ Please send me full information on the use of Celotex in

Enclosed is 50 cents in stamps for which please send me a copy of "Your Home."

Name .....

Address .....



Photo by Matt Studios — Walker & Eisen, Architects

Permanent Beauty
for MANSION or BUNGALOW



CALIFORNIA WHITE PINE
CALIFORNIA SUGAR PINE

A 2-year supply of these woods now stands in the region where our mills operate. Natural growth of standing timber, augmented by natural reproduction and re-forestation, assures a supply of these valuable building woods for all time.

California White Pine and California Sugar Pine are naturally adapted to all forms of exterior construction and finish because of their soft texture, ability to "stay put," and the light, natural color of these woods.

They take paint easily and evenly, and hold it tenaciously. The glistening beauty of rounded porch columns! The immaculate charm of the inviting front entrance! The neat lines of window frames and sash flanked by blinds of contrasting color! The clean expanse of sidewalls with surrounding trim and cornice work! California Pines retain these color harmonies, unimpaired!

Because of the absence of pitch and resinous substances in these woods, the danger of paint discoloration from oils boiling out under the hot sun is eliminated. Their freedom from grain-raising assures a permanent mirror-smooth surface. And their light color permits the finest finish with fewer coats of paint.

The outside of the home is seen as a single unit. Yet hundreds of pieces of wood of many sizes and shapes form the exterior. Each piece must fit its mate exactly, and hold its place tightly through the years. Nails must hold firmly. Boards must not split. There must be no warping or shrinking to destroy the lines and form of the building. Soft-textured, even-grained California Pines cut and work easily, without splitting, and hold nails securely. Permanence of design is assured when these woods are used.

Here is lasting satisfaction for the home builder: woods that hold true through long service. The supply of these woods is ample. They may be obtained from lumber dealers everywhere.



CALIFORNIA WHITE PINE
CALIFORNIA SUGAR PINE

California Pines are used more than any other wood for doors, sash, millwork and interior finish. Millions of doors and window sash and frames of California Pines are annually installed in the homes of America. Send for our free illustrated booklet, "Pine Homes."

California
WHITE & SUGAR PINE
Manufacturers Association
651 CALL BLDG., SAN FRANCISCO
Also producers of CALIFORNIA WHITE FIR
CALIFORNIA DOUGLAS FIR · CALIFORNIA INCENSE CEDAR

[BRILLIANT . . . . DIFFUSIVE . . . . BEAUTIFUL]



Tapestry Glass mitred to design for pantry doors. All shelves made of Plain Tapestry Glass

There are many uses for

TAPESTRY GLASS

DECORATORS and architects are finding Tapestry Glass to be extremely useful for many purposes. For pantry doors, for shelves, for bookcase and cabinet doors, Tapestry Glass is now widely used in all kinds of buildings, from modest homes to hospitals. Its irregular surface eliminates all glaring reflections and its semi-opaque quality permits its objects to be recognized, while keeping them in the background.

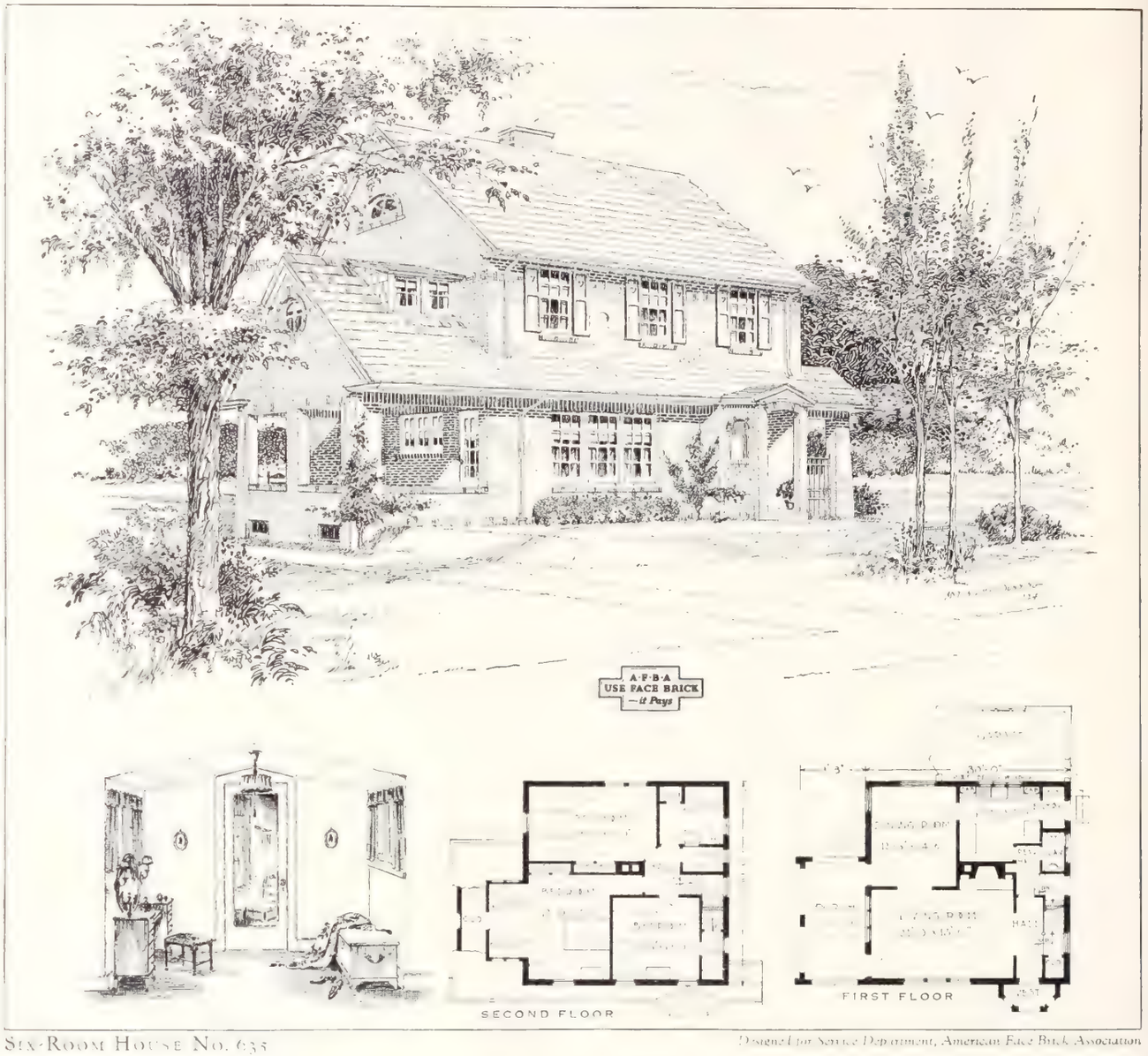
Tapestry Glass is primarily intended, however, for interior or exterior openings in residences, offices, churches, schools or other buildings where clear brilliant light is necessary and privacy is desirable. It has all the purity and beauty of the finest plate glass, but the surfaces of Tapestry Glass are smoothly rounded and given a texture not unlike fine fabric. These surfaces obscure vision, break up direct rays of light and diffuse them in a brilliant flood.

Tapestry Glass may be inexpensively decorated by original designs to accord with any interior or exterior plan. These may be permanently chipped, ground or mitred upon the surface before installation. If desired, opacity may be obtained by chipping or sand-blasting the entire surface of the glass, or the background of a simple design or pattern.

Home-owners and home-builders, architects, decorators and contractors should investigate the many possibilities of Tapestry Glass. Consult your glass dealer, or write for catalog and samples to the nearest office of the Pittsburgh Plate Glass Company.

PITTSBURGH PLATE GLASS CO.

GLASS VARNISH PAINT



SIX-ROOM HOUSE NO. 635 — *Designed for Service Department, American Face Brick Association*

This is one of the 104 attractive houses in our "Face Brick Bungalow and Small House Plans"

Is this question also in Your Mind?

MANY home-builders write us and say, "I should like to build a Face Brick house, but fear the cost is beyond my reach." To such we say, "Get the facts and you will find you *can* afford a Face Brick house. It is, in fact, the best home-building investment you can make."

The Face Brick house is higher in first cost than houses of less beautiful and less durable materials. A superior article always costs more than an inferior one. But the many savings in the Face Brick house—in depreciation, in repairs and upkeep, in insurance and fuel costs—after a few years more than wipe out the slightly higher initial cost. Just get a copy of **"The Story of Brick"** and see for yourself. Sent free on request.

"Face Brick Bungalow and Small House Plans" are issued in four booklets, showing 3 to 4-room houses, 5-room houses, 6-room houses and 7 to 8-room houses, in all 104, each reversible with different exterior design. These designs are unusual and distinctive, combined with convenient interiors and economical construction. The entire set for one dollar. Any one of the booklets, 25 cents.

We have the complete working drawings, specifications, and masonry quantity estimates at nominal prices.

"The Home of Beauty" shows fifty two-story houses selected from 350 designs submitted by architects in a nation-wide competition. Sent for 50 cents. Complete working drawings, specifications, and quantity estimates at nominal prices.

"The Home Fires," a most attractive fireplace book, with many designs, gives full directions for fireplace construction. Sent for 25 cents.

Perhaps you have a good old house to repaint or restucco. Better give it a permanent overcoat of beautiful Face Brick. It will last. Send for free booklet, **"A New House for the Old."** It will tell you all about it.

Address American Face Brick Association, 1721 Peoples Life Building, Chicago, Illinois.





The water your children drink

The water they drink. The water they bathe in. Water for cooking—it must be clean and pure to insure good health.

Most cities spend thousands of dollars annually to purify water. Is it just as pure when it flows from the tap?

Rust in plumbing pipe discolors water, making it unpleasant and uninviting.

Anaconda Brass Pipe cannot rust and will deliver a full flow of clear water as pure as at its source. It will remain—a hidden protector of your family's health and comfort—as long as your house stands.

Yet Anaconda Brass Pipe adds only about $75 to the cost of a $15,000 residence.

Let us send you our booklet "Ten Years Hence."

THE AMERICAN BRASS COMPANY
General Offices: Waterbury, Connecticut

Canadian Mill: Anaconda American Brass, Ltd.,
New Toronto, Ont.

ANACONDA
from mine to consumer

Anaconda Copper, Brass and Bronze Products eliminate costly repairs and replacements in building construction because they do not *rust*.

Brass Pipe for water supply, Roofing Copper for gutters, leaders, etc., and Bronze Window Screens last indefinitely. They are cheapest in the long run.

ANACONDA BRASS PIPE

Installed by leading Plumbing Contractors everywhere

PERIOD MOTIFS

Expressed in Tiles

Developed by Associated Tile Manufacturers

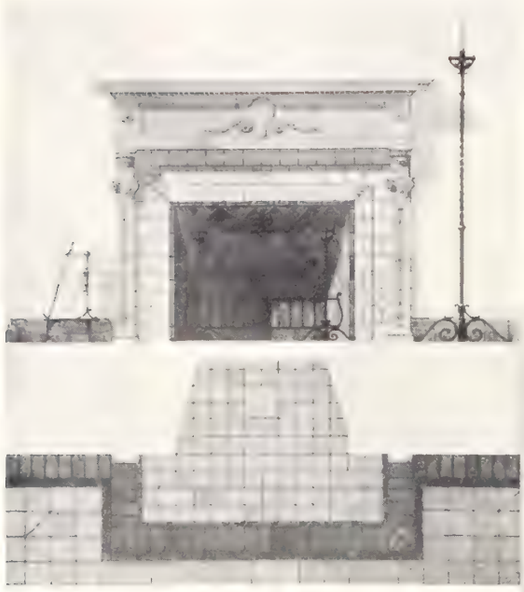
THESE beautiful period motifs are correct, authentic, and in the true spirit of the periods which they represent.

They are based upon accurate historic precedent—developed by authorities in architectural history—and produced exclusively by the Associated factories whose names are given below.

Think of the satisfaction of having at once a Florentine chimney piece, a Venetian breakfast nook and a Dutch Colonial bath, all carried out in the colorful beauty of

ASSOCIATION TILES

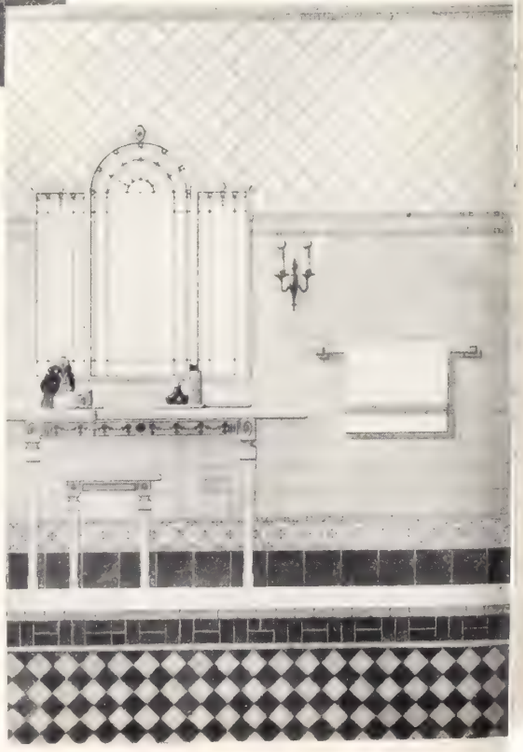
Period treatments such as these have a rare fascination and become permanent treasures as intimately as your furnishings. The designs are equally adaptable to small and large homes.



A Florentine Chimney Piece in warm colors—a splendid adaptation of Italian Renaissance



A fine example of Italian Renaissance—a delightful Venetian Breakfast Nook



A beautiful Dutch Colonial Bath in blue, white and brown

Without the correct tiles it is impossible to duplicate these effects. Size, color, glaze and texture have been painstakingly selected to insure a correct and artistic result. To assure you of proper reproduction—with all the fine qualities which these original designs possess—we have prepared specifications and plates in full color.



FREE
on Request

Ask us Anything about Tiles

Deviation from our specification may destroy essential requisites of style. Therefore allow no substitution and deal with tile contractors who agree in writing to install the work in accordance with these specifications.

Specifications and booklet free. Color plates (the three shown here) for 8 cents postage

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Capitol Boilers





. ve, installation of Capitol
. ers in the Cascade Club-
se of the Lake Placid Club.
ht, Cascade Clubhouse.

We shall be glad to send you an illustrated booklet which fully explains the modern idee in house heating.

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d United States Radiators that they should have
en installed by the celebrated Lake Placid Club,
the Adirondacks.

is only natural that such a club, operating through-
ut the winter in the continuous, sharp cold of the
dirondacks should exercise extraordinary care in the choice of heating equipment. Your own architect or contractor will tell you that the combination of Capitol Boilers and United States Radiators means unfailing heating satisfaction for years to come.

This absolute dependability is unquestionable, for it is guaranteed and backed by the United States Radiator Corporation and all its vast resources.

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*...cities indicated by star

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it shows buyable fashions

it costumes different figure-types

it teaches how to buy merchandise economically

it presents the mode in ensemble form, assuring you chic

it shows you all new Vogue-Royal patterns, hundreds in colour

it tells you where in your vicinity you can buy any model

it is the only magazine of sensible fashions for women who shop locally



Blouse 7969
Skirt 7601

For the woman who thinks the original overblouse a bit too youthful and trying, the V neck and the grace of the scarf give becomingness without sacrificing the smart line

ROYAL teaches you how to make, how to buy, and how to wear clothes.

It considers not merely the slim young debutante, but also the older woman, the woman of fuller figure, the woman of more conservative tastes, the woman who must present a good appearance on a moderate clothes expenditure.

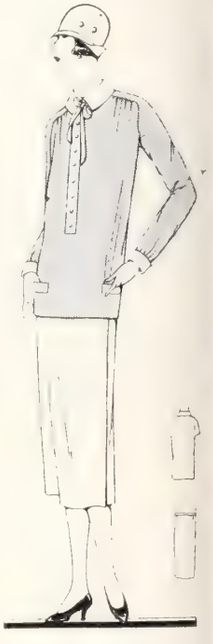
The fashions it shows are not fanciful sketches of gowns obtainable only in exclusive shops. They are drawings of clothes actually made up by American manufacturers and stocked by leading stores everywhere.

The patterns it shows are cut as no other patterns are. They are made for women who appreciate smart line.

The neck-line is cut accurately. The sleeve is set in right and the armhole is not clumsily large. The wrist fits snugly. The skirt is the smart length. The collar is cut so that it does not hump up in the back. Every little point is right. And the design represents the mode as it is being worn at the moment by the smartest women of America.

Just this one feature of Royal will save you money. You can supplement your wardrobe with several dresses made at home at minimum cost.

After all, Royal costs very little money. What's $2, compared to the amount you lose on a single dress that you buy . . . and don't like . . . and hang up on the back hook in the closet . . . or, worse still, have to wear out to the bitter end!



Blouse 7971
Skirt 7601

Here is the charmingly boyish overblouse that has set all New York by the ears and the eyes. It looks equally well with the collar open or closed and may be made in velveteen, kasha or silk crepe

25 cents per copy $2 per year

$3 for 2 years

Sign . . . . tear off . . . . and mail the coupon NOW!

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Royal, Greenwich, Conn.

Enclosed find $3 cheque (money order) for which please send Royal for 2 years to:

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Royal, Greenwich, Conn.

Enclosed find $2 cheque (money order) for which please send Royal for 1 year to:

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Miss .....
Mr.
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Charming 18-room suburban home of Edwin F. Guth, president, The Edwin F. Guth Company, Manufacturers of Lighting Fixtures, St Louis, Mo. The 50 windows and 14 doors are equipped with Monarch Metal Weather Strips. These strips were installed by W. J. Moslank, Monarch licensee, 4800 Delmar Blvd., St. Louis, Mo.

Charles S. Holloway, Architect

$268.76 Saved – *the first year!*

Monarch Strips clipped this sum from Mr. Guth's fuel bills the first winter they were on his windows and doors

ntil Monarch Metal Weather Strips ent on every window and door, Edwin . Guth found it frightfully expensive to eat his 18-room home in Webster roves, Mo.

uring the winter of 1922-23 the two ot-air furnaces in his basement con-med $617.50 worth of fuel. *$617.50 orth of fuel!* An average fuel cost of 9.64 per opening per year; for Mr. uth's house, remember, has 50 windows nd 14 doors.

he following summer Mr. Guth talked o W. J. Moslank, Monarch licensee at t. Louis. And before crisp October olled around again Monarch Strips were n every window and door of Mr. Guth's ouse.

A yearly dividend of 72%

he very next winter Mr. Guth's fuel ills dropped from $617.50 to $348.74. In ne year alone Monarch Strips saved 268.76 worth of fuel for Mr. Guth! And ach year hence, as long as he lives in this ouse, Monarch Strips will continue to ay Mr. Guth a dividend of $268.76 on he $380 he invested in Monarch Strips. For Monarch Strips not only last as long s the house itself, but always work as vell as new.

Today home owners everywhere tell of xperiences similar to Mr. Guth's. Mr. Donald Bixby says Monarch Strips save 590.47 worth of coal for him each year. The pastor of St. Engelbert's Church at St. Louis reports a reduction of $490.43 on his coal bills in two years. Similar reports come from satisfied men and women everywhere.

How much will Monarch Strips save for you?

The experience of hundreds of home owners shows that Monarch Interlocking Metal Weather Strips cut fuel bills at least one-third. Some owners report savings of 40% to 50%, but one-third is a fair average. If, for example, you usually spend $90 per year for fuel without weather strips or with ordinary weather strips on your windows, your fuel bill with Monarch two-member tubular interlocking strips would average approximately $60 per year—*every year as long as your house lasts.* No other weather strip can even approximate such a saving.

Booklet and Estimate Free

The coupon below will bring you a free estimate of the cost of Monarch protection for your house. It will bring you also a copy of that wonderfully interesting booklet, "Only ⅛ of an Inch," which tells why weather strips are necessary on every house—why old-style strips are a wasteful extravagance—and why Monarch two-member tubular Interlocking Weather Strips alone control air leakage thru windows and doors and cut fuel bills to the lowest possible figure. Clip, fill in and mail the coupon—NOW!

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Sectional View Showing Secret of Monarch Efficiency



This sectional view of Monarch Interlocking Metal Weather Strip No. 400 shows why this strip provides maximum protection regardless of swelling and shrinking of the frame and sash. The strip consists of two interlocking members—one tacked to the frame, the other to the sash. These members give or take as the frame and sash swell or shrink. Warping or shrinking of the wood does not affect the efficiency of Monarch Interlocking Metal Weather Strip No. 400. *Positive, constant protection against inleaking air is provided.*



Monarch Metal Products Co.,
4920 Penrose St., St. Louis, Mo.

Please send me free estimate for weather stripping (No. here).....windows and (No. here) .....doors. Also send free copy of your new booklet, "Only ⅛ of an Inch."

Name.....

Address.....

MONARCH METAL WEATHER STRIPS

INTERLOCKING TYPE No. 400
STANDARD CONTROL OF INFILTRATION (Air leakage thru windows and doors)

THE satisfaction that any floor gives is dependent not only upon the material used but also upon the manner in which this material is installed.

Stedman Reinforced Rubber Flooring is laid by members of the Stedman organization—specialists who know and are vitally interested in this particular type of floor.

The initial cost is the cost of the floor installed. There is no maintenance cost, as Stedman Flooring requires no waxing or oiling, ordinary washing being the only care necessary; it does not dent, crack or wear out even after countless years of service.

Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

We will be pleased to send you prices and tell you how Stedman Floors can be obtained for one room or many.

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Pencil drawing from actual installation of Stedman Flooring

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REINFORCED RUBBER FLOORING

THIS SETTLES THE QUESTION OF AN OIL BURNER





"By George, it must be 20 below tonight"

"Well, cheer up, my dear, you'll never know it here."



SOONER or later, someone will perfect an oil burner.

When you read this, you will realize that it was done six years ago. You can judge for yourself.

Everyone has long agreed that oil burning would be the ideal method of home heating if oil burners were correctly built. And now that one has proven itself for six winters—no one will deliberately choose coal—the old-fashioned way of heating.

Six years ago we perfected a new kind of oil burner. Not because others were being built. But because none we knew of followed the four laws of oil combustion.

Proved for 6 Years

Inventions of such great importance are not perfected in a week, a month, or a year. They must develop. But your basement should not be used as a laboratory.

The fact that every Oil-O-Matic user is more than satisfied is evidence that the public was not asked to pay for our developments.

Nearly 20,000 Oil-O-Matics have been installed all over the United States since 1919. Not enough, perhaps, to create a sensation. But too many if they were not dependable.

Automatic, Quiet, Odorless

All that folks ask now is an oil burner that is just the experimental stage—a finished *product*. One that requires no attention. That starts and stops itself. That is thoroughly reliable. That burns cheap fuel oil so perfectly there is no smoke, soot or odor. So efficient that even in zero weather it is shut off nearly one-half of the time.

Such an oil burner awaits your inspection. Tested and listed and approved by the Underwriters' Laboratories.

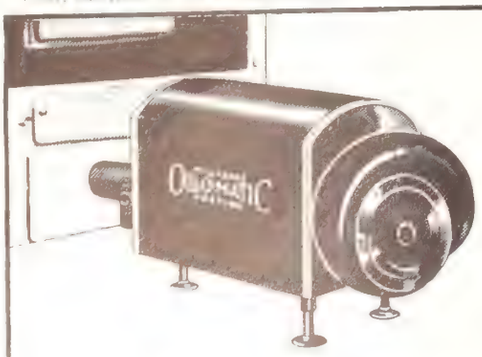
These Facts Are Vital

A complete description of the Oil-O-Matic could easily be written here and every statement be true. But it would sound incredible.

Only seeing it and talking with owners could ever convince you. So look for these things:

Open the door of the furnace and you will find no part of the Oil-O-Matic inside. There's nothing to burn out or replace. Of course there's no continuous pilot light.

It costs us $150,000 a year more for our motors than some engineers say is necessary. A lighter motor would stand up, they say, on 99% of installations. We spend that extra money to safeguard the remaining 1%.



Proved for six years. Every installation guaranteed. Requires no attention. Burns cheap fuel oil. Clean, quiet, odorless. For buildings of any size. Sold on easy terms.

WILLIAMS
OIL-O-MATIC
HEATING

Improved Safety Control

But the crowning feature of Oil-O-Matic is the exclusive Thermal Safety Control. It's all but human.

It watches over the entire plant. If you run out of oil, it warns you by shutting off the Oil-O-Matic.

Everything about your Oil-O-Matic installation must work perfectly or this ingenious device will let *nothing* work—not a drop of oil can flow, ignition is shut off, the motor stops.

Any good heating plant can be quickly made into a perfect heating unit with Oil-O-Matic. Steam, vapor, hot water, hot air.

These are a few of the things an inspection will make clear to you.

Easy Terms—Guaranteed

Oil-O-Matic dealers and service men are all trained. Most of them are graduates of the Williams Institute of Heat Research. They have experience, facilities, organization, and financial responsibility. They are backed by the largest producers of automatic oil burners in the world.

They will be glad to offer you terms if you want them.

There is plenty of time for investigation. But no time for delay in getting all the facts.

See the Oil-O-Matic demonstrated. Send the coupon for a copy of "New Facts About Oil Heating," that will answer every question on this scientific way of heating with oil.

Williams Oil-O-Matic Heating Corp.
Main Office and Plant, Bloomington Ill.

Largest Producers of Automatic Oil Burners in the World · Dealers Everywhere

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Williams Oil-O-Matic Heating Corp HG25
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Please send me at once your booklet, "New Facts About Oil Heating," containing full information about the Oil-O-Matic and special payment plans for new homes.

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Our Heating Plant is Steam ☐ Hot Water ☐ Vapor ☐ Hot Air ☐

Hello - Hello - Hell



I want the office of

VANITY FAIR

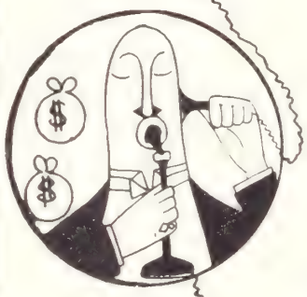




The latest tragedy! Vanity Fair has been sold out on the news-stands! From all sides the disappointed ones are phoning in. They still think they can be supplied. But alas, they can't. The disturbing truth is clearly shown on our pet operator's cherub countenance.

Turning to the extreme right, we have: the solvent Mrs. Rhinelander; Otto, a broker; Harriet Pothooks, a handmaiden of big business; Reggie Aspenwall, long distancing from New Haven; Muriel, phoning down from Briarcliff; Basil van Morgan, calling from the Egyptian Museum; lastly but not leasedly, the lovely Gloria Mondaine. Regular readers, one and all. But they got to the news-stand too late!

There is going to be wailing and gnashing of teeth in just a minute. If they had only obeyed that impulse and signed that last coupon! Now, for a month they will be out of joint with the times, ignorantly provincial, doors ajar!





For Vanity Fair is the look-liveliest and step-quickest magazine in America. It prints pictures—recklessly. It publishes the world's most distinguished satire, whether you prefer your satire written, drawn, or quartered. It is the only magazine that gives you the smartest outlook on life . . . the cleverest thoughts of the hour . . . the best art . . . reviews and forecasts of the newest ballets, operas, plays, movies . . . the last word about sports and sportsmen . . . sketches and caricatures . . . portraits of actresses, dancers and prominent people . . . the latest in men's fashions, women's sport clothes, and handsome motors . . . and reports of everything interesting from the gay capitals of the world.



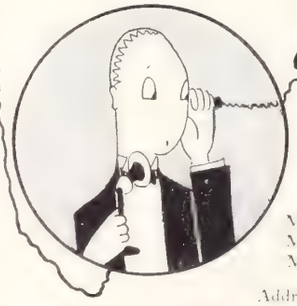


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This special offer saves you
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against missing the
most talked-about issues
when news-stands are
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Gumwood paneled doors, exterior and interior woodwork of American Gumwood, and good furniture in which this dependable wood is used, contribute to the charm of a well appointed home





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MORE actual value may be put into the design and craftsmanship of the furniture which adorns our home, when American Gumwood, a cabinet hardwood of surpassing quality and texture, is suitably used in the construction or solid panels.

This native wood permits the utmost appearance, in the artistic treatment of other woods used for ornamental surfaces, without sacrifice of value or beauty. It brings good furniture within reach of the average purse. Ask leading retail furniture dealers.

The Rich Harmony of Paneled Walls

For those who love the dignified atmosphere of a paneled interior in living room, dining room, or library, the soft delicate coloring of American Gumwood offers rare opportunity. Either plain grain, or figured in the fantastic yet subdued patterns of Nature, the individuality of gumwood enhances the appointments of a modern room.

In our booklet you will find illustrations in full colors suggesting the decorative possibilities of this wonderful wood, also a brief story of the beautiful and useful gumwood tree, one of the glories of our southern forests.



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"Yes, the House Keeps Warm All Over Now and We Use Far Less Fuel"

End Draughts, Keep Warm Save 25% to 40% on Fuel

The comforts of Chamberlin Metal Weather Strips are also important economies. They are saving and paying for themselves every day in the year in fuel, labor, and protection against dust, dirt and draughts. Just see how little these advantages cost. In fuel alone from 25% to 40% is saved. The experience of thousands shows that this item itself more than pays for the installation. All parts of the house are kept warm. No cold spots. No draughts. No rattling doors and windows. Furnishings, wall-paper and curtains are protected against grimy accumulations. And a great amount of work is saved from the daily household routine.

Chamberlin Metal Weather Strips are of the type which interlocks with sash, thus insuring most satisfactory and enduring protection.

Note how enthusiastically home owners endorse Chamberlin Metal Weather Strips. Small home owners find their economy and comfort just as advantageous as large home owners. We take a natural pride in the almost universal praise bestowed on Chamberlin workmen. For weather strip installation is the work of experts. We have been many years in the development of our organization. And because we know that their work is done right, we guarantee the satisfaction of every Chamberlin installation for the life of the building.

CHAMBERLIN

Metal Weather Strips

and Inside Door Bottoms

Chamberlin Inside Door Bottoms enable you to admit fresh air to any part of the house while closing all other parts against draughts. They prevent escape of cold air, dust and dirt from basements. Keep out laundry and kitchen steam and odors. Operate automatically. Do not interfere with rugs. They are inexpensive, installed separately or in conjunction with Chamberlin Metal Weather Strips.

Chamberlin Metal Weather Strip Company, Detroit, Michigan

What Thousands of CHAMBERLIN *Users say*

"Saves 30% on Fuel"

"In connection with the weather stripping and calking of doors and windows in our house, [illegible] to say that last winter we saved 30% on our coal bills and are more than pleased with the change in conditions."

A. M. [illegible]
Warren, Ohio

"Less Fuel—Greater Comfort"

"It gives me great pleasure to write you with reference to the Chamberlin Metal Weather Strip which your Company installed in my residence at 722 Pennsylvania Ave., Elizabeth, New Jersey some years ago. These strips have done all that you claimed for them and more, and were the means of reducing my coal bill and increasing the comfort obtained by the even heat distribution we were able to get by eliminating the usual drafts from under doors in the hall and through the window sills. I cannot speak too highly of the protection which in my case was installed in a old house open on all four sides giving the weather strips a real severe test and as stated above they exceeded my expectations.

R. H. Hand
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"Most Satisfactory Stripping"

"I enclose herewith check for weather stripping done at my residence. This is the best thing I have ever done in the way of weather stripping and I want to tell you this because your weather strip is worthy of the consideration of anyone.

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"Efficient Workmanship"

"As it is so unusual these days to have efficient and courteous mechanics, I want to take this opportunity of expressing my appreciation of the work done by the two men on my job. It was a pleasure to have men of their calibre and character around the house. During the time they were on the job I was home myself and had an opportunity of watching them. They did not lose a minute's time and were most considerate in every respect. I might add they voluntarily worked until quite late on a Saturday afternoon finishing up the porch windows so that we might be caused no inconvenience over Sunday."

C. F. Puckhaber
New York City

"We Tell Our Friends"

"I wish to take this opportunity to express complete satisfaction with the protection afforded from dust and rain. In addition I cannot recommend too highly the two workmen who installed our job. We were living in the house at the time and Mrs. Fleury was looking forward to a thorough housecleaning to remove the effects usually following such installations. You may imagine her pleasure when returning to the house to find that not only had all traces of work been removed but these men had even gone to the trouble of dusting the furniture. We appreciate such thoughtfulness to the extent that we pass up no opportunities to recommend your company."

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Glendale, L. I.

Send the Coupon

Chamberlin Metal Weather Strip Company
1644 West Lafayette Boulevard, Detroit, Michigan

Name _____

Address _____

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A roof with the brawny strength to out-battle countless winters

WINTER bombards your roof with gale-driven sleet and snow. It is your roof's most relentless enemy. But, at moderate cost, you can have a roof which the wrath of many winters cannot harm.

Eternit Asbestos Shingles are winter-proof. Because of their unusual construction, spring after spring will find them as sound, as tight, as weather-proof as when they were first laid.

Asbestos is the binder used in all asbestos shingles. The better the asbestos, the finer the shingle. And Eternit Shingles are made of South African asbestos, recognized as the best because of its extra-long, strong fibres.

These fibres are reinforced with cement. Then they are built up in layers; felted, interwoven, matted together to give the greatest possible strength. Enormous pressure forces these built-up layers together—welds them into an impervious, inseparable body—far different from the cast or moulded shingle. Then, for *three whole months,* these shingles season until they are in perfect condition for laying.

Once Eternit Asbestos Shingles have been applied, your roofing worries are over. No repairs. No expense. No more re-roofing. Because, laid with copper nails, *your Eternit roof will last forever.*

In addition, Eternit Shingles are absolutely fire-proof—sure protection against flying sparks and embers. And the natural gray, warm red, rich brown or blue-black of Eternit Shingles adds a real touch of beauty to any home.

Before you roof or reroof, read "Building roofs that beautify and last." Write today for your copy. American Insulation Company, Roberts Avenue and Stokley Street, Philadelphia, Pa.



Eternit Asbestos Shingles are also made in this hexagonal shape which gives a beautiful diamond effect when laid.

Eternit

ASBESTOS SHINGLES

Make your first roof last



That bed of yours? Was it chosen as carefully as the food you buy?

No matter how hurried your marketing may be, you take no chances on the purity of the food you buy. You pick a brand you know. You examine anything sold in bulk. You find out all about your purchase before you let it enter your home.

The food you choose so critically may cost only a trifle and be eaten the same day. Doesn't the bedding you buy to serve for many years deserve equal or greater care in its selection? On the quality of the sleep it gives you (even more than on pure food) depend your health, vigor and energy —and the personal success that every American is bent on achieving.

Spend ten minutes tonight getting acquainted with the bed you sleep on. Call at your favorite store tomorrow and compare what furniture you are using with the Simmons mattresses and springs your neighbor merchant will be glad to show you.

There are many styles to choose from. The price of each is as low as it is safe for you to pay. Bedding made of *clean, new materials* cannot be built or bought for less. *The Purple Label* is the finest mattress made.

Softly blended colors and a touch of unusual decoration give an atmosphere of quiet charm to this chamber. The dominant plum note of the chintz curtains is repeated in the chenille or wilton rug. The bedspreads are of silk or mercerized cotton taffeta in deep peach, with mauve borders. The decorations shown on the door are painted, but panels of glazed French wallpaper or cretonne may be used. Walls are French gray. Beds, vanity, table and bench are from a complete new suite of Simmons steel furniture in a soft new turquoise and gold. Design 112. Supplied also in a range of smart colors and finishes reproducing brown mahogany and walnut. Beds are Design 1085. For twelve other interesting schemes of decoration, write for your copy of "Restful Bedrooms" to The Simmons Company, 666 Lake Shore Drive, Chicago.

SIMMONS

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SIMMONS COMPANY TRADE MARK

Be sure you find this label on the sleep equipment you buy

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Curtains at their loveliest . . . Scranton Lustre-Filet

OST curtain fabrics, no matter how ely woven, look their best in fu- ght. But here are new curtains which e even more beautiful when viewed in e light from an evening lamp. It is then at the fairy-like pattern of Scranton ustre-Filet seems resolved—not into e dusk at the window, but—into the eaming, luxurious texture of the cur- ins themselves.

It is this rich sheen, so effective in any egree of light, that has won for Scran- ton Lustre-Filet the instant regard of women who seek curtains that are unusual and smart. Much of their satisfaction, too, is in the way these curtains go with any color scheme and in the way they wear and wash. See them, together with the many other modish Scranton creations, at your store.

As a guarantee of excellence the name Scranton is woven in the top edge of each Scranton curtain. Make sure it's there. Before planning spring decorations fill out and mail coupon below for two interesting booklets. If you have an unusual curtaining problem, write our Service Department about it.

THE SCRANTON LACE COMPANY
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Please send me the free booklets "New Outlooks for Every Home" and "Scranton Bedspreads"



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Beautiful Grounds
deserve enduring protection

Thoughtless passers-by—biped and quadruped—will trample across the unprotected lawn with equal *sang-froid*. There are those, too, who will pilfer flowers—suffering no pangs of conscience in the doing.

All of which points to the axiom: *Beautiful grounds deserve enduring protection.*

And so, this spring, before the grass grows green, put up an Anchor Fence of enduring construction. One that will stand straight and firm for years because it is anchored. And that is galvanized throughout to resist corrosion.

This thought in closing:—Why not phone or write the nearest Anchor representative now? He will relieve you of all details of planning and erection.

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IT'S about heating.
Not any one system, but facts you want to know about all of them, before deciding on any of them.
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Send me your booklet "Letters To and Fro" on heating, free.
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Then, for the woman who wants the unusual thing, the thing that is not worn by all the other women of chic—here is the one-piece mode in pastel crepe with the little cape to match. Perhaps it's less youthful than the blouse and skirt; certainly it's more graceful; and it has a touch of that elusive femininity that Paris is prophesying as the mode of the future.

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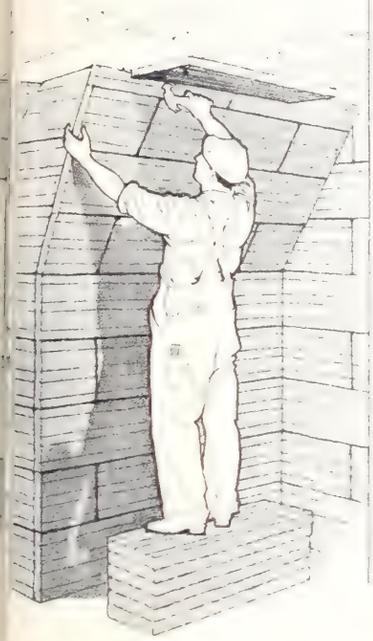
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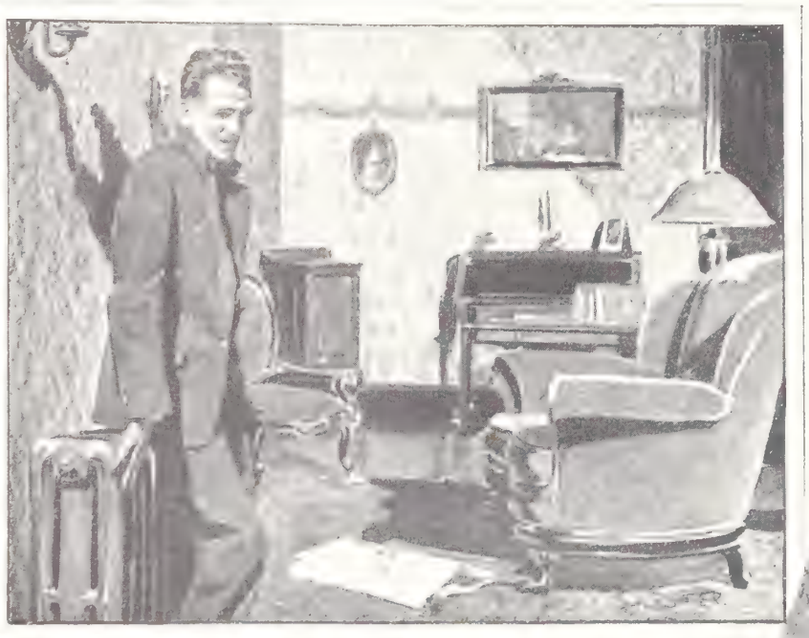
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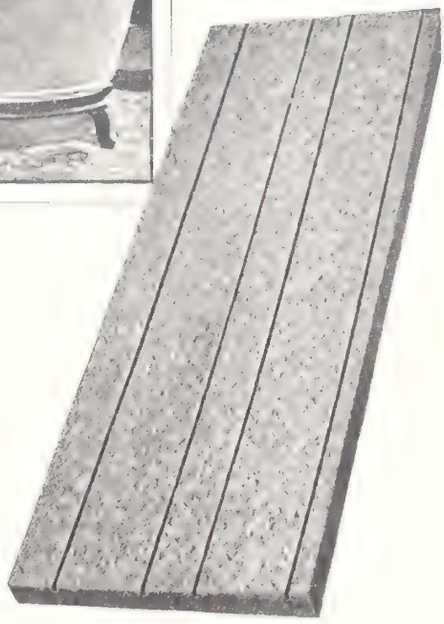
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Made in boards 12 inches by 32 or 36 inches—from 1 inch to 3 inches thick

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The construction of his house is wrong. The walls and roof are built of materials through which heat flows too easily. Too much of the heat from the fuel he burns passes into the outside air without warming the rooms. His house should have been insulated when it was built.

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Home Builders

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For your new home—*see that your architect specifies this kind of flooring*

Your floors are really the foundation of room decoration, enhancing the beauty of furniture and hangings. Harmonious color treatment of the room as a whole is now made possible with the new modern finishes, which may be selected to suit individual taste.

Imagine the dignity of a library paneled in oak, with Perfection Oak Flooring in "weathered" finish, the harmony of a dining room in tones of blue and gray, with darker gray Perfection Flooring, or the charm of an enclosed sun-porch, with floor finished in forest green, light and cheery—a bit of outdoors brought into the home. The opportunity for choice is infinite. Once Perfection is laid, your flooring problem is solved. A Perfection Floor will last as long as the house itself, and remain the beautiful, serviceable foundation of the room as long as there are feet to walk on it. Ask your architect or contractor about Perfection Oak Flooring. Write for interesting booklet, "The Overlooked Beauty Spots in the Home." It is mailed free for the asking.

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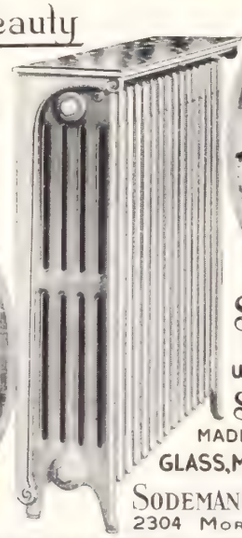


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Where to get the best exchange on your money.
What plays you should get tickets for.
What restaurants have famous specialties.
Where the smart crowd goes to dance.
Where you should shop this season.
What week-end place is in favor.
Which resort is in season and where to stay.
How to find an apartment in Paris.

And, if you wish, VOGUE will supply you with a shopping guide, an interpreter; send you a beauty specialist, a French teacher, a dancing master; find a school for your daughter; make hotel, railway or steamship reservations and buy the tickets; give you special introductions that will secure you special privileges; and, in short, act as an experienced friend, familiar with the language and the ways of the country, and eager to make your stay as pleasant as possible.

Say to the taxi driver, "Numéro deux, rue Edouard Sept"; say to the doorman

VOGUE



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CRITTALL

Steel Casements

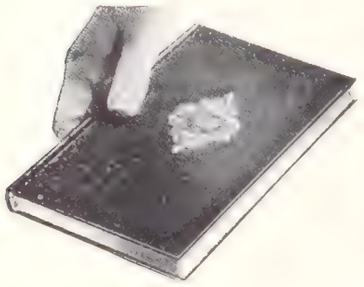
Distinguished effects are readily obtained by the use of Crittall Casements and Windows. They are made to varied sizes with special fittings or may be secured in standard sizes with attractive bronze hardware. In all cases they are built by hand and allow wide latitude in choice of style and treatment. Crittall Steel Casements possess the beauty of real utility, matching their handsome appearance with years of rugged resistance to storm and weather.

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DETROIT

Thousands say of this book: "This is just what I have always wanted!"



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That young man's quest—an experience shared by thousands. Everybody knows that good literature offers the surest, quickest way to broad culture. But what to read and where to begin? That has always been the baffling problem. And then, recently, suddenly, by a stroke of consummate genius, nine of the most famous men of letters did strike upon a plan which threw open the doors of literature's treasure house.

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The inspiration that came to them was a Daily Reading Guide—a definite schedule for each day's reading. And this schedule was so arranged that the selections fall on anniversary dates. Thus on July 14 much of the reading is about the Fall of the Bastile; each day is full of such timely interest. Only twenty minutes a day of fascinating reading gives you a broad grasp of the world's great literature.



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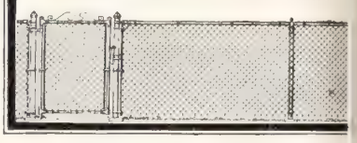
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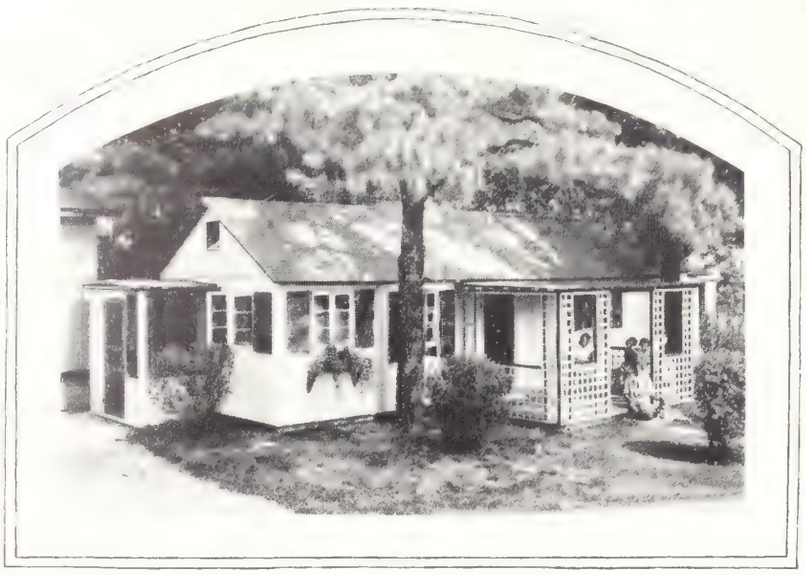
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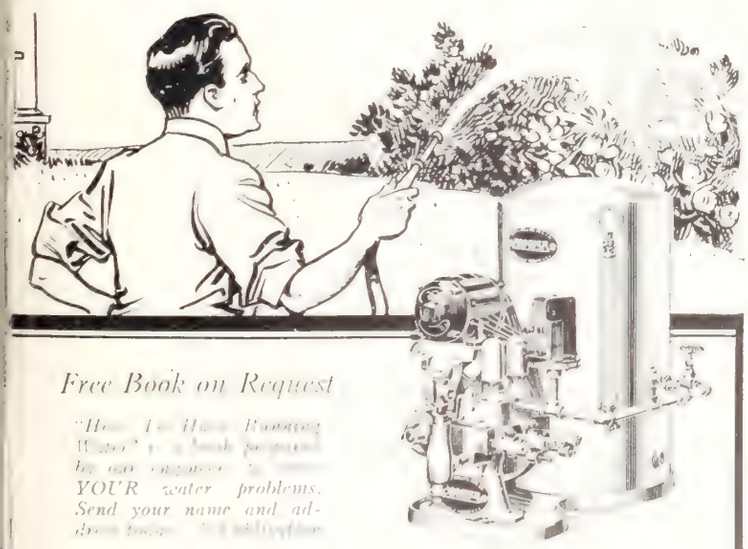
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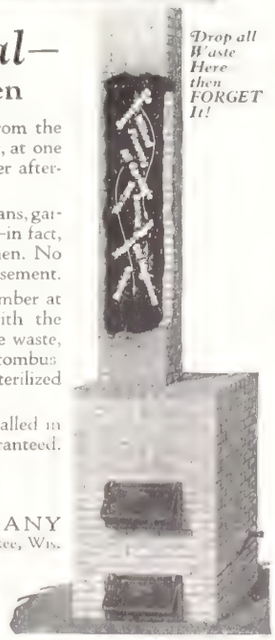
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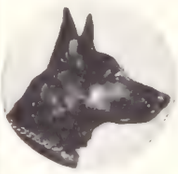
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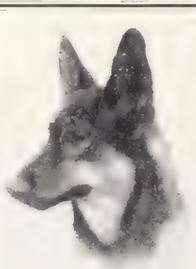
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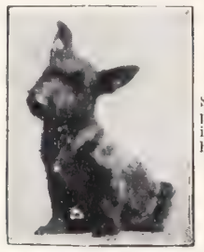
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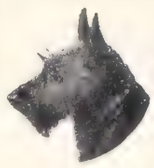
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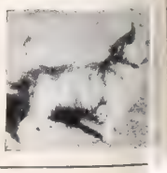
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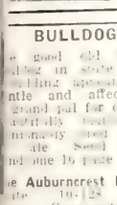
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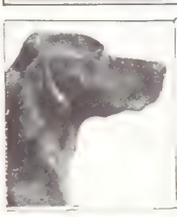


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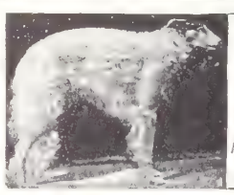




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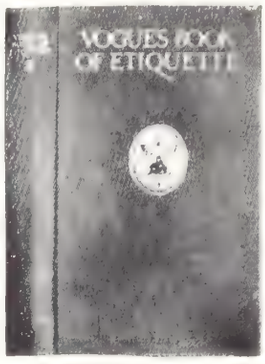
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House & Garden



THERE are at least four ways to feel about furniture. One way to consider it in the light of a collector, who values it—for its beauty, of course, but for its authenticity, too, and its period. Another way is to care especially for the craftsmanship it shows; to appreciate the tenderness with which its wood and fabrics have been handled and the skill with which it has been designed. Still another way is to view it through the eyes of a decorator, who sees it as part of a nicely arranged and sympathetically harmonized ensemble. The fourth way is to think of it in terms of living with it.

Any one with a feeling for furniture must have in some degree all these enthusiasms. He or she must have, if ever so slightly, the instincts of a collector, as well as an appreciation for craftsmanship, and a flair for selection and arrangement. But *everyone* must think of furniture from the standpoint of the person who lives with it, and it is this last group (because it includes all of us) for whom HOUSE & GARDEN is written.

We realize that everyone who lives with furniture and is sensitive to its good qualities and its faults, shares to a certain extent the feelings of the collector, craftsman and decorator. In fact, we are pretty firmly convinced that anyone with a feeling for furniture *must* be something of an amateur in those matters, and accordingly make a practice of approaching the subject from all angles.

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From the articles on collecting which appear in these pages we try to make it possible for the reader to learn just how he or she may be sure in the search for certain pieces—sure of the furniture's availability and of its authenticity. Perhaps there is a more sinister side to these articles, for it is possible that from them the reader may become the victim of the collecting fever. But the disease is delightful, and little harm can come from it. We are all collectors of something or other, or at any minute apt to become one, and we would be fortunate to have the fever run to something as useful as furniture.

From the point of view of the craftsman furniture takes on another interest. Unless we know what care and thoughtfulness go into the making of furniture we can scarcely recognize its finest qualities. The woods of which it is made, the skill that goes into its construction, the fabrics that cover it, the various kinds of finish its surfaces may have—all these things must be made familiar to us if we are going to get the greatest pleasure from it.

All this, together with the ideas of livability, grouping and balance which control the arrangement of furniture, and the color and character of its setting, make up the third angle from which furniture must be considered. When we have covered all three sides of the subject we have added to the fun of living with furniture by making it an active pleasure rather than a merely passive enjoyment.

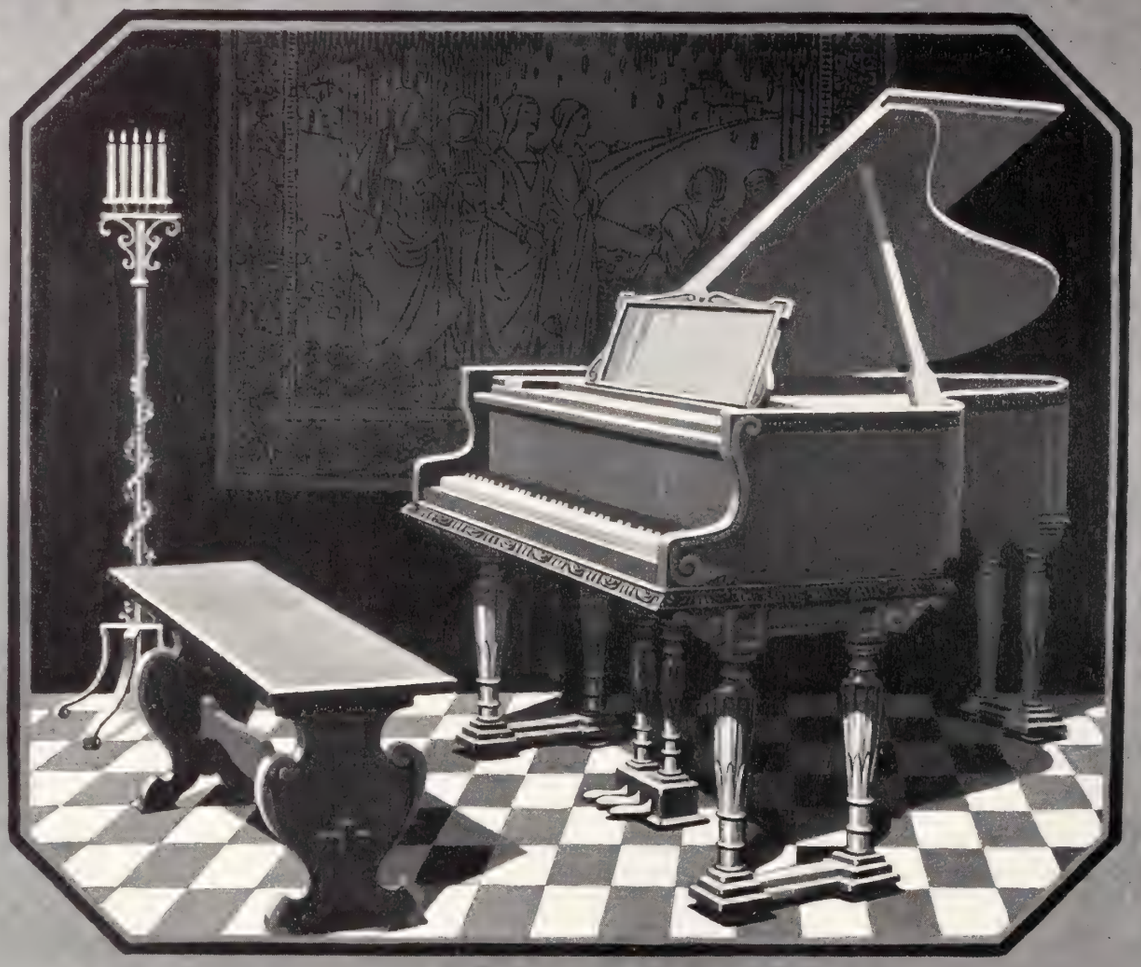
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HOUSE & GARDEN'S BULLETIN BOARD



THOSE who are writing on garden subjects for the March Gardening Guide comprise what the theatrical press agents call a "galaxy of stars". This all-star performance is opened by a California garden designed by Reginald Johnson, followed by Mrs. Francis King writing of Lisbourne Grange, the garden of Mrs. Samuel Sloan, President of the Garden Clubs of America—its first public appearance, by the way. Mr. Wilson will continue his series. Mr. Herbert Durand will write on those finicky wild flowers we all find difficult to grow. Mr. J. Horace McFarland will contribute his opinions of the Mock Orange and its varieties. Mr. F. F. Rockwell will write on vegetables. Three pages will give tabulated information on the growing of flowers, vegetables and shrubs and bulbs. Another page will contain a glossary of botanical terms so necessary for gardeners to understand. Louise Beebe Wilder will write on Western rock plants. Mr. J. H. Sperry contributes valuable and practical information on cold frames and hotbeds. Even Mr. Teall's collecting article touches the horticultural world, as he describes old flower prints. The third of the Smaller House Gardens is shown. And the editorial, to make the measure good, will discuss women in horticulture.

This, it would seem, is about enough to fill an issue; but there are still many more pages—two showing some delightful interiors in a house at Bridgeport, Ct., a Little Portfolio of miscellaneous rooms; some schemes for radio corners suitable to the needs of old folks; and the Shops will be searched for interesting copper and brass.

That Miss Peyser writes on house insulation and Mr. Houston on roofing tiles, and Mrs. Bullit tells how a Ford helped build a country house—these are only more indications of the usefulness of this issue. Two houses will be shown—small, medium-priced houses and one page displays an unusual entrance porch.

MEN judge a meal by the food that is served; women by the manner in which it is served. And therein women show the keener perception. For, while the culinary arts are not to be despised, they naturally rank lower than those worthy accoutrements of excellent dining—fine linen, good silver, crystal and beautiful china. As you can judge a man's mind by the books on his library shelves, so can you judge a woman's taste and capacity as housekeeper by the way she sets her table. They are an even clearer indication of the sort of personality she wears. An investment in silver of good design, in linen, in traditionally patterned china, in crystal—such an investment brings [illegible] pride and self-respect.

THEY order things differently in the Northwest than we do in the East. Thus, last Thanksgiving Day the city of Portland, Oregon, held an exhibition of Roses grown outdoors. By that time our Eastern garden roses were no more. Which only goes to prove that gardening, like architecture and good temper, is mostly a matter of climate.

Portland grows Roses openly in its streets. New York grows ragamuffins. The Roses are perhaps preferable. Citizens of Portland respect their sidewalk Rose beds, in New York even Central Park is not respected. In that we beat Portland, however, you'll find more pieces of paper, lunch boxes and debris scattered over the lawns of Central Park than you'll find Roses on Portland streets. It would never do for this great metropolis to permit a city such as Portland to win out in any competition for the decoration of streets and parks.

LEAF-FANTASY, IN WINTER SEASON

WHEN surely winter the last branch has thinned. . . .
Each, tossed back, white, my visioning mind yet sees
The trees that silvered in the rapid wind,
Tumultuous in the many winds of spring,—
Though there are no more leaves left in the trees;
Yes, I'm still stirred by all their silvering
Backward and backward multitudinously:
A million million leaves on tree on tree! . . .

The summer's leaves are also gone from me,—
Yet suddenly they leap from the unseen
Again, with all their rippling shades of green. . .

Though fall has gone, too, still its gorgeous leaves
Troop ten more colours than the eye conceives. . . .

If I [illegible] all the leaves are gone, I err:
Or that [illegible] tree stands bare—
Both barer for a topmost leaf left there. . . .

And one leaf on a winter-bitten tree
Brings back the leaves of all the year to me!

HARRY KEMP

THE fallibility of human nature is proved whenever we make mistakes. By some mistake, in the January issue, the house on Page 57 [illegible] and a good one—the residence of Alvin Untermyer, in Connecticut, of which the architect was Eric Kebbon.

OLD DOC LEMMON SAY

"MEBBE it's b'cause I'm gettin' old that I set an' study now an' ag'in about things that ain't o' much account to nobody. All sorts o' things, like thistles, an' hoss liniment, an' what we'd do if they warn't no water in the world. Nothin' could be foolisher than figgerin' over them kind o' idees, I reckon, but somehow they's a lot o' fun into it.

"Take that question o' water, now. 'Course, I know crops an' live-stock an' humans has to have it, an' that they'd die if they didn't git a good drink reg'lar. But just supposin' every livin' thing learned to do without, wouldn't the world still be a kinder lonesome place if all the water was took from it?

"I dunno 'bout you, but me, I'd feel mighty sorry if I couldn't hear Birchy Hollow Brook splashin' over the Falls, er ketch the shine of it on a windy October day where it spreads out into Hillyer's mill-pond. An April shower whisperin' on the roof, too, er a rainbow—they wouldn't be no more rainbows over the hills without water!"

A FEW weeks ago we wrote to a large number of HOUSE & GARDEN readers asking them to make a criticism of the magazine and to suggest changes or additions that they thought would improve it. Our mail has been heavy with their replies. To some we have been able to answer directly; others will have to accept this public expression of gratitude.

It is valuable, every so often, to have the candid opinion of friends. Such opinions keep the head normal size. While many of these letters were flattering (we hope to publish some of the more human documents some day), a great many of our friends just spoke out in meeting. Were it possible we would like to act on all the suggestions, but in order to keep the major interests of the magazine alive we cannot scatter our pages all over the block. That is the reason we regret our inability to act on the suggestions that we devote space to decorating churches for weddings, running a special cat department and giving plans each month for country clubs. Our interests are the home—its architecture and building, its decorating and furnishing and the making and maintenance of gardens. For twenty-three years these subjects have comprised our policy, and, we believe that much of the success of the magazine has been due to the fact that we adhered rigidly to them. This flood of letters brought us consolation; the majority of our readers want us to stick to our knitting.



M. E. Bowl

VERMEER IN NEW ENGLAND

Like a Dutch interior by Vermeer, this country house hallway owes its charm to several elements—to the wood floor painted in black and gray lozenges, to the lines of its trim, to the gentle spring of the arch, to its cottage furniture, but even more to the fine angle of light that floods it when the upper part of the Dutch door is opened. The owner is Henry P. Curtis, and the house is in Ashfield, Mass.



BACKGROUNDS FOR FURNITURE

Whether New or Dignified by Age, Furniture Should be Given the Advantage of an Appropriate and Becoming Setting

MARGARET McELROY

HOW often, how drearily often, we see furniture of intrinsic beauty and worth robbed of a large part of its effectiveness by an inappropriate and unbecoming background! Chairs exquisite in line or some detail of carving are overshadowed by a large patterned paper. A slender painted piece, delicate in line and coloring, is insulted by a background of coarse plaster walls. Recently a woman whose hobby was collecting old furniture asked me to admire a Jacobean oak dresser which she had placed in a paneled entrance hall painted light, Georgian green. The background was admirable in itself, the dresser a fine example of 17th Century workmanship, but crude and hopelessly out of place in these pale, delicate surroundings.

The beginning of wisdom in decoration is a just regard for the room as a whole. To create a successful interior, and by successful is meant a room not only charming and distinctive in its decoration but one possessed of that gracious quality of livableness, it is essential that the various articles of furnishing, the background of floor, walls and ceiling, the hangings at the window and the furniture, be selected with a view to harmony as well as beauty. It is only when these main elements are in accord that we have a dignified, restful interior. And to this a nicety of taste in the selection of accessories, and the room takes on individuality—becomes a living, personal thing.

Anyone so fortunate as to possess fine old furniture should think enough of it to give it a proper setting. While a strictly period room is the last thing to be desired, certain types of furniture require backgrounds in keeping. Furniture of 18th Century inspiration, whether French or English, should never be forced to suffer the indignity of rough plaster walls. Smooth plaster may be used, painted such



Because of the interesting assortment of furniture and upholstery, a neutral background of cream plaster walls was selected for the country house living room. The curtains are net the same shade as the walls, trimmed with colorful wool embroidery in a bit design. Chapin, Harper & Dutel, decorators



W. [illegible]

[illegible] makes [illegible] the dining-room [illegible] living room about [illegible] effect of painted walls [illegible] and [illegible] after [illegible] done by hand. In this [illegible] a most interesting and appropriate background for the dignified furniture. It is in the New York City apartment of Richard H. Dana, jr.

With plain furniture coverings and curtains, a graceful flowered wall paper may be used to supply the necessary design. In this dressing room the curtains are blue glazed chintz and the covering of the dressing table and chairs cherry red taffeta. Mrs. Olive W. Barnewall, decorator

colors as gray, buff, cream, yellow, Georgian green or a soft light blue, but better still is wood paneling painted one of the above shades and antiqued. Wall paper also may serve as background for this type of furniture provided the design is light and graceful and the coloring not too strong. Mahogany furniture, the delicate styles of Sheraton, Hepplewhite and Adam, or the more robust Colonial designs, is charming against a narrow striped paper in shades of yellow and buff, while wall paper set into panels, delicate flowery designs or graceful classic patterns, makes a delightful setting for the furniture of 18th Century France, especially the Louis XVI style with its simple lines and formal, restrained decoration. With such a background it is wise to use plain hangings and either plain upholstery or a narrow striped fabric, in order not to have too much design in the room.

In addition to the flowered, striped and scenic wall papers there are the gold and silver tea box papers which should not be overlooked when planning the background of a room. Perhaps



M. L. Hecht

Not a little of the effect of this comfortable, chintz covered wing chair is due to the fact of its being placed against dark paneled walls—that most dignified of settings. This small living room with its paneling and fine array of furniture and accessories is in the home of Henry P. Curtiss, at Ashfield, Mass.

your furniture is of Chinese Chippendale inspiration and your hangings of printed linen or some patterned stuff. In that case a plain background is essential, and what more effective than the gleaming expanse of silver or gold walls! These papers have a quaint, indefinite design that gives the wall a slight uneven look, infinitely to be preferred to a smooth, unbroken surface. With mahogany furniture and walls done in this silver paper, it would be interesting to use a sealing wax red linen in a Chinese design for curtains or slip covers. Hang a Kakemono, piece of Oriental brocade or painted mirror in the long space above the sofa and in a hanging bookshelf painted a strong, bright blue place some bits of colorful porcelain, small bowls, figurines and perhaps a pair of pottery birds. These delightful accessories may be purchased at a moderate cost in the Chinese shops and are useful for the color interest they give a room.

The sturdy furniture of 17th Century England requires quite a different background. Nothing will ever

(Continued on page 124)





Paneled or plaster walls painted such colors as cream, café au lait, gray, light-blue or Georgian green make a pleasing background for 18th Century English furniture and flowered chintz curtains. This corner is in the home of Mrs. Walter S. Griffin, in Greenville, South Carolina

A gay Chinese chintz in rose de Chine and watermelon pink is the dominant feature of the living room above. Because of this, a silver tea box paper, glazed in peacock blue, was selected for the walls as a suitable background. Chapin, Harper & Dutel were the decorators



A dining room furnished with an assortment of Italian and English 18th Century pieces is given additional distinction by a striped wall paper in shades of buff and tan. Toile curtains in red, blue and buff and old flower and bird prints supply the necessary color notes. Mrs. Gillette Nichols was the decorator



If we wander through the courts of Granada, we are reminded that once the tile was not despised. Later, find the shining blue of Delft in the interiors of Vermeer and Van Hooghe. Here, in a modern house, is the renaissance of the tile

MODERNIST ENGLISH DECORATION

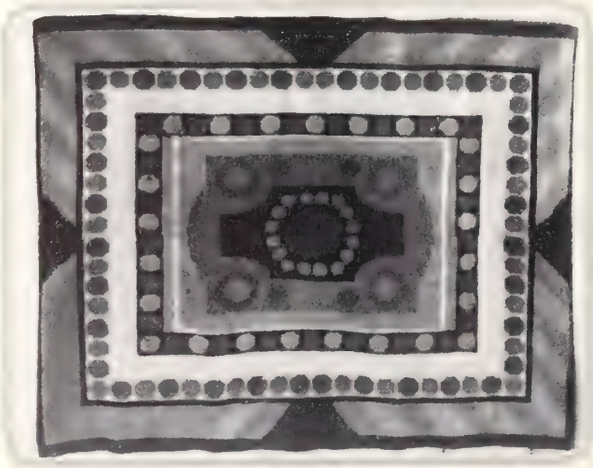
Some Examples of the Interesting Work of Duncan Grant and Vanessa Bell

RALPH PATTISON

FOR some time past "period" rooms have been the fashion in England. First it was the picturesque Elizabethan and Jacobean, then Queen Anne, the 18th Century, the Regency, the French Empire, and even, latterly, the Victorian.

Very charming such rooms can be, with their pleasant literary associations, their slight air of "pose". Necessarily, they are a little artificial, in that they are the products of a bygone age, whose thoughts, whose aspirations, whose whole life was totally different from ours.

But is there any reason why we should not consider our own day as a "period"—the only period for us which is not in some sense artificial—and set aside, at any rate, one room in our own house which shall be truly representative of the best in it?



A carpet, designed in the English modernist taste by Vanessa Bell, is in several shades of reds and browns and beige pink

It is not as if this were an age devoid of artistic effort. Many of the leading British artists in the modern movement (which is derived largely from Cézanne and the French Impressionists, though it must not for a moment be supposed, as some critics have suggested, that it despises the Old Masters) have turned their attention to decorative work.

Among these are Duncan Grant and Vanessa Bell, who even before the war were associated with a group of artists who produced



I... corner of a recess in a drawing room painted on paper with a leaf design in pale grey "grounds" and yellow-ochre border

Fireplace by Duncan Grant and a painted decoration of acanthus and leaves in white, green and yellow-ochre on the wall



A chair designed by Duncan Grant and a piece of gay cane and pear-wood enriched with gilt



work of this kind under the leadership of Roger Fry. The war, unfortunately, put a complete stop to the enterprise, but not before they had produced many charming things in the way of furniture, stuffs, and pottery, practical as well as beautiful. The individual practical aspect of each object is one of the things to which the artist decorator pays the greatest attention. In the useful arts, beauty and usefulness are interdependent, and mere ornament which hinders practical use is, *ipso facto*, inartistic.

The illustrations to this article are all taken from decorative work done by Duncan Grant and Vanessa Bell during the last few years. They turn their versatile hands to anything, from the complete scheme of

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Panels by Duncan Grant and Vanessa Bell in Mrs. Woolf's house in London. The walls are pale dove-grey, the panels above white with cinnabar-red borders and oval "feuds" alternately in cinnamon-pink and maple-yellow



IN DEFENSE OF THE ROCKING CHAIR

This American Idiosyncrasy May Be Homely and Without Heritage, but It Has the Comeliness of Comfort

THE other day we were going over the home of a decorator. It was a very beautiful house. It was, in addition to being beautiful, a smart home, which means that its accessories and color were in the latest taste. From room to room we proceeded, from one gorgeousness to another. Finally we stopped at a closed door. The decorator said, "There's nothing to see in here. It is my mother's room. She's just got the furniture she likes." But he opened the door—and there was home! A simple bed of early maple, a night stand with worn prayer books, and by the window a sewing basket and by the sewing basket a rocking chair. It was one of those broad-beamed rocking chairs, full and deep and comfortable and homely. It looked as though it had rocked many generations. For all the glories in that house, this was the most precious thing in it.

The rocking chair is a piece of furniture that, in this age of alleged taste, must be enjoyed secretly. A few—a very few people—dislike it because they really dislike rocking; the rest of us mutter some excuse about its ugliness but, in the secrecy of our own rooms, fly to its comfortable and soothing agitation. Decorators hold it to be anathema: Let a client meekly ask for a rocking chair in the library, and the wrath of the Heavens descends. Rocking chairs simply aren't done.

THIS prejudice must have some reason. And we suggest that the reason is based on three facts, namely—the rocking chair has no perceptible and decent heritage; it is, in the main, a homely piece of furniture; and it is American.

Most of our furniture pieces have traditions; you can trace them in books the way you trace a family tree; authorities write preciously about them. You can't do that about the rocking chair. Search the histories of furniture, and such a thing as a rocking chair is rarely mentioned.

Mr. Lockwood in his "Colonial Furniture in America" confesses that he finds not a single reference to rocking chairs in any of the inventories. He puts the date of its inception at the middle of the 18th Century and says that although our early Colonists had cradles with rockers, chairs with rockers cannot date later than the Revolution. He calls them "an American idiosyncrasy".

In "Furniture of the Pilgrim Century", Mr. Wallace Nutting dates them back to the end of the 17th or beginning of the 18th Century and says that rocking chairs came into being in this country at about the time the rocking cradle went out. This rocking cradle, by the way, was so arranged that it could be rocked with the foot, leaving the hands free to knit or sew.

Still another authority is so bold as to attribute the rocking chair to the inventive genius of Benjamin Franklin. We wish there was foundation for this, because Franklin would make a pleasing picture seated in a rocker—the portly savant, wearied with kite flying or playing on his organ of musical glasses. But we doubt the legend.

In short, this chair has no heritage and no respectable past. It can point to no worthy ancestor. It is just another product of "those crazy Americans" and consequently does not have to be taken seriously. That apparently is the judgment of English furniture authorities and, unfortunately, the attitude of some Americans who, in furniture affairs, are dyed-in-the-wool Anglo-, French- or Italian-maniacs.

THIS is a pity, for the rocker is not to be despised. Homely as sin, it serves a homely purpose. And in that sense it is adequate and worthy to be preserved. It does a homely job well. It is like a homely scrubwoman who scrubs well. If you ever found a handsome scrubwoman, you would immediately be tempted to make her a waitress or a parlor maid, in which positions she would be unhappy and useless. Let her do what she can do well. So with the rocking chair. It is rarely a thing of beauty—but it is a joy forever. It just happens to be one of those things that never was intended to be, and never conceivably could be beautiful. It is not for display, such as a Louis Seize chair or a late Italian commode; it isn't collectable, such as Sevre porcelains or tapestries; it is merely a homely and lovable object, like a broad-bosomed mother who is too busy caring for her children and her home to worry about being chic.

ALL too much of our present-day interior decoration and furnishing falls under the head of that abominable French word *chic* and that equally abominable English word *smart*. These appear to be the standards by which the work is judged; as though our rooms were theatrical sets before which we played a pantomime of life. Now rooms are made for living in; they are made for all sorts of people, and the standards by which their success or failure should be judged is the measure to which they meet the needs of living and satisfy the requirements of the people who occupy them.

Volumes are written on color schemes. Volumes are written on shape and contour. But mighty few volumes have been written on comfort and the charm of homeliness. There is a distinct charm to homeliness. Like virtue and modesty, it is a little old-fashioned, but many people still prefer it.

The rocking chair has that charm of homeliness. For this we respect it. And when our wearied limbs sink into its kindly embrace—then we love it.

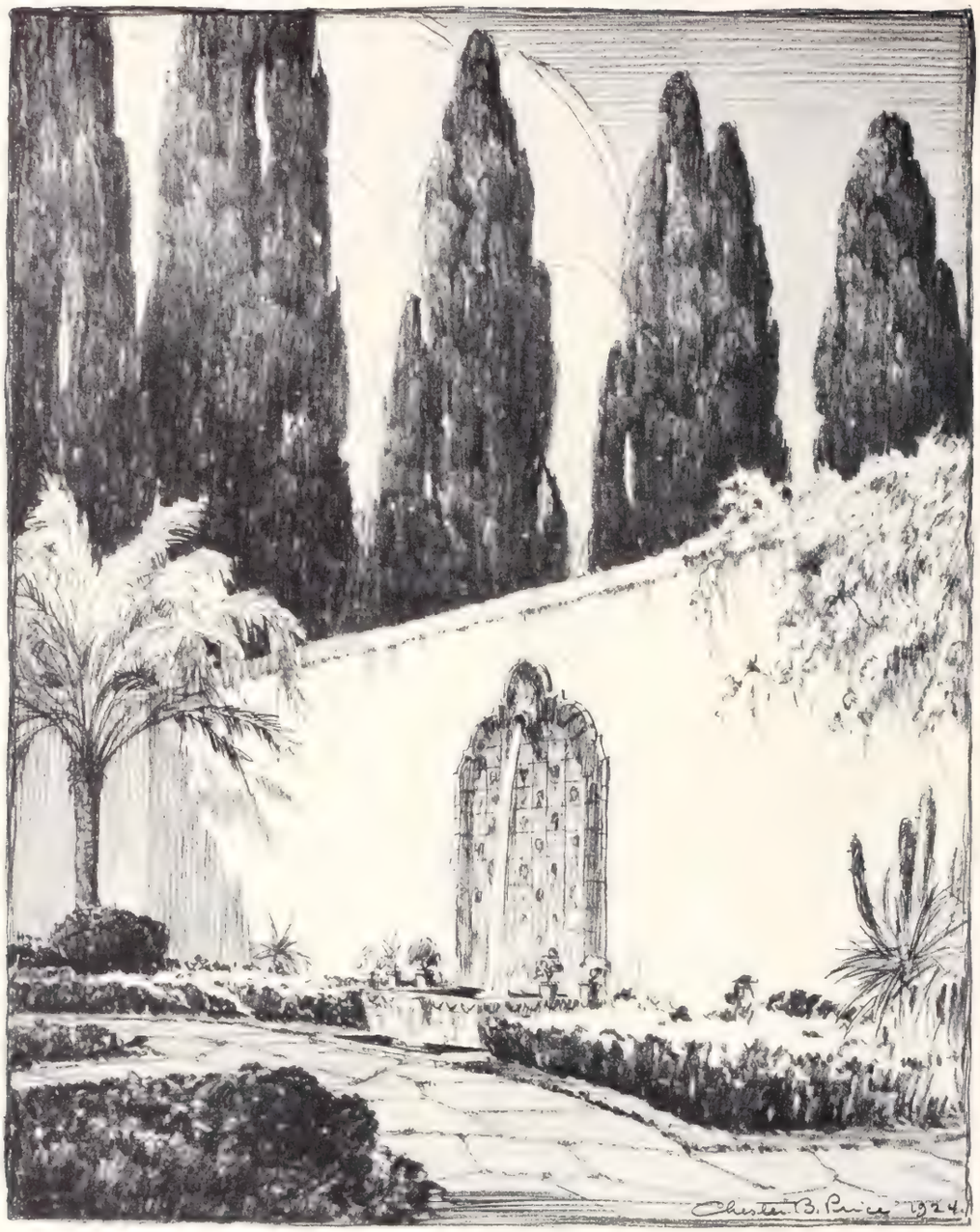




Thomas B. Tower

PRELUDE TO A COUNTRY HOUSE

This entrance leads through the [illegible] Point, Port Washington, L. I. [illegible] through an archway [illegible] court opposite the care-taker's cottage. The [illegible] are hung with a pair of heavy, wrought [illegible] and mounted with acroteria [illegible] Harlan Hetterson, the architect



The patio, which in this case is the principal garden, is surrounded by a seven-foot wall plastered to harmonize with the house, of which it is an integral part. This tiled fountain is set against the wall opposite the living room

AN IDEAL SMALLER GARDEN

The Landscape Problems of a Spanish-Italian House on a Sloping Site are Solved in the Second of the Ideal Smaller Homes

Another of the houses in the Four Ideal Smaller Homes Series is given its garden treatment here. The grounds of the remaining two will be done in the March and April issues

WHILE the lower coast of California, and Florida, with their balmy subtropical weather, were the climates for which this house was intended, it would be a mistake to suppose that it could be adapted to none but those tender latitudes. Actually, it is a hardy architectural type, fit for any part of the country. The same might be said of its garden. The plants would have to suit the habits of the seasons, wherever the garden were made, but the framework and the character of its design are not, for any practical purposes, bound down to a particular locality.

The house and the garden illustrate the kind of architecture and landscape desig which has been made especially popular i California because of its derivation fro Mediterranean sources, where the sun, s and sky have a similar effect upon the art o building. But apart from the matter o style, with which it gives such fine variet to this Ideal Smaller Homes Series, th house and its garden scheme show ho admirably the problem of a sloping si may be solved. It is an unusual sort o



... the latter, and in following the grade up from the high- ... front of the house has fallen into a most attractive ... set levels. On the lower ... Johnson, Kaufmann & Coate, architects. Drawn by Chester B. Price

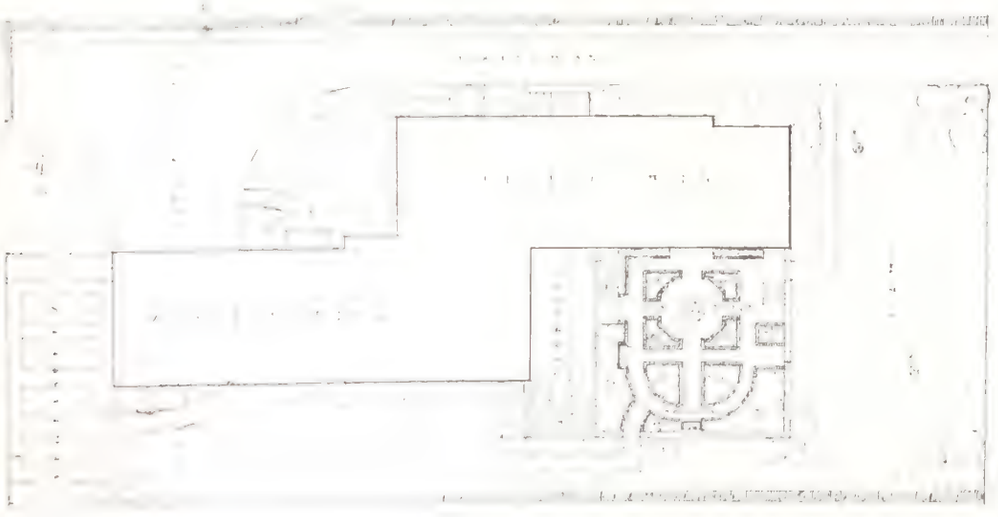
solution, for generally when a slope exists the house is set across it. Here the house runs with the slope, and, rather than protrude at the lower end and bury itself in the hill at the upper, it rises with the incline; each section being put on a slightly higher level as the house works toward the rear of the plot.

How heavily an effect this method of planning has had upon the interior was made apparent in preceding issues of HOUSE & GARDEN. The idea has been just as successful outdoors. Three different parts of the house connect with the grounds at the places where their levels coincide. The patio is the most important of these, and it lies on the living room level. The drive-way entrance and the terrace are at the next higher level, and the garage court at the highest. The ground is still higher back of the garage, where a vegetable garden has been made to be reached by steps and a path from a service door.

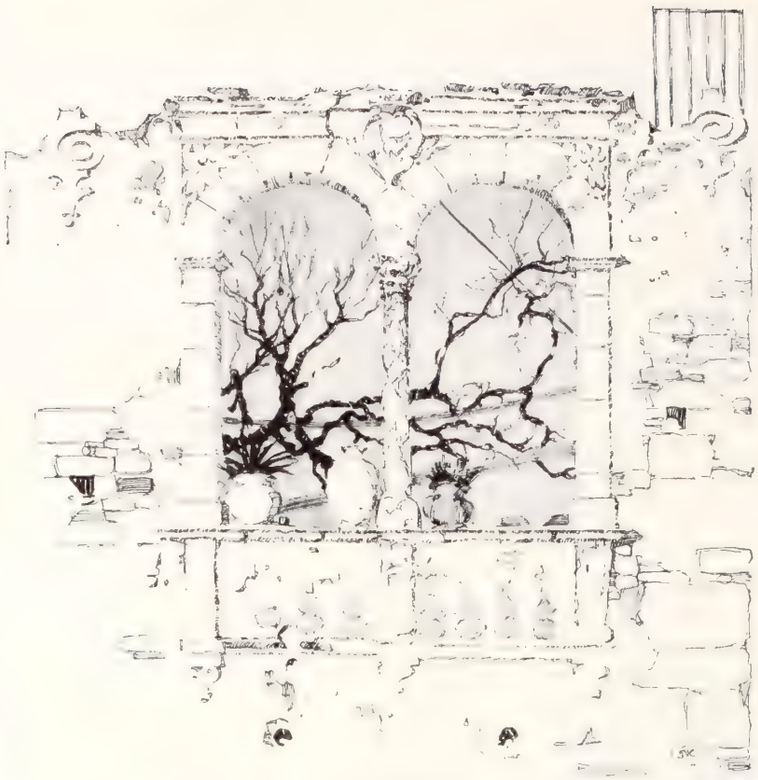
The grounds as a whole have been very simply handled: a driveway leads straight from the street to the garage, and connecting paths at various places do their work [illegible] and most satisfactorily as possible. The planting, other than that of the patio and vegetable garden, is merely an arrangement of shrubbery about the base of the building. Six large Eucalyptus trees formed the only existing growth on the plot.

The paths of the patio have been paved with flagstones and lined with edgings of Dwarf Box. The small central beds are filled for the most part with low-growing annuals to keep a rather flat effect over the middle portion—an effect which gives emphasis to the greater bulk and height in the larger outside borders where shrubs

(Continued on page 148)



... the garden treatment ... plan, the ... are ... which ... house. The ... refer to plants ... in the text



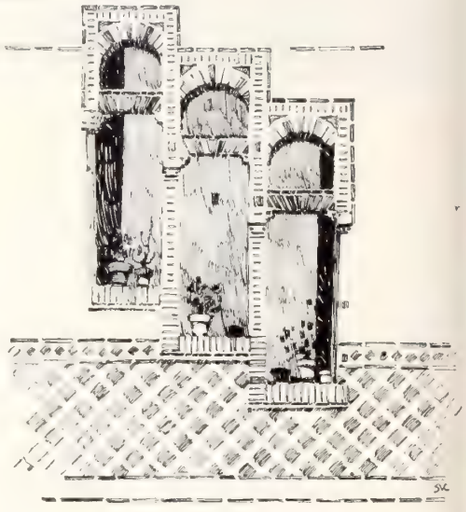
These windows are from a small palace at Taormina, Sicily. The shape of the arches is informal. The supporting columns and apron are of unpolished marble, whereas the balustrades are indicated in plastered relief

FROM AN ARCHITECT'S SKETCH BOOK

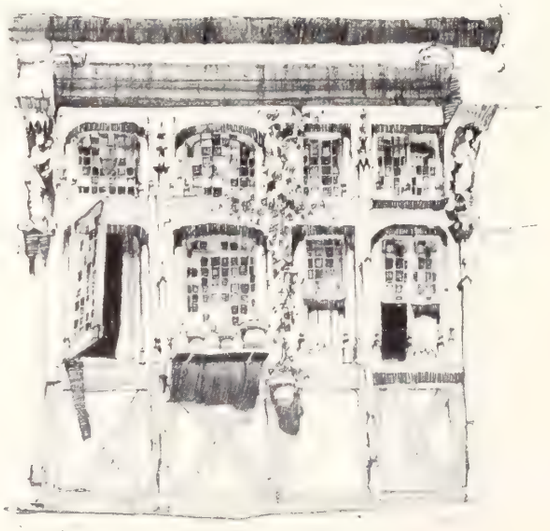
Drawings by SAMUEL CHAMBERLAIN



A window in the house of El Greco, Toledo, Spain. The grille is authentically of the XVI Century. The peculiar detail framing the window is made up of Moorish fragments imbedded in the wall. The grille projects four inches. It could be duplicated by a good ironworker



This Moorish window in Seville gives light and emphasis to the enclosed stairway beyond. The bricks are buff and brown ochre, the plaster faintly gray, and the tiles two tones of greenish blue, colors suitable for houses of the Mediterranean taste, a style popular in California and Florida



This fine cluster of casements is from one of the best preserved and most patrician of the old 16th Century half-timbered houses in Rouen. The panes are leaded, and the glass contains many fragment of Beacon street lavender or a pale amber. Gay red curtains, striped with gold give the touch of color necessary

A LITTLE PORTFOLIO OF GOOD INTERIORS



M. E. Hewitt

The month's [illegible] the Little Portfolio [illegible] from the home of [illegible] Gaige, at Peekskill, N. Y. An old farmhouse, [illegible] in Peekskill, [illegible] Mr. Gaige chose the decorations. One [illegible]



In the hallway has been used a traditional paper in familiar tones of putty color and blue. The furniture is early maple. Such a hall requires only the fewest pieces but, as in this hall, these should have character, however simple the hall may be





For all its well chosen furniture—and this furniture is well chosen—the character of the library depends upon its books. They give color and purpose to the room, more color even than that of the antiqued gray woodwork and the green striped curtains

In one corner of the library, conveniently set by a window, is the writing table. Other smaller tables are disposed about the room, with lamps adequately placed and shaded, and deep comfortable chairs within easy reach. Oriental rugs give color to the floor



Quite different from the library, but still informal, as a country house should be, is the living room. It has yellow walls, [illegible] ored hanging and [illegible] the furniture is in glazed chintz both patterned and plain. The floor is covered with a [illegible]



Opaque gla[illegible] against the rose of the window hangings, simple moulding paneled walls, comfortable furniture conveniently grouped, a simple unpatterned carpet rug —these are some of the elements that help make [illegible]

RAMIE AND OTHER UNUSUAL FABRICS

Fibre, Hair and Paper All Play Their Part in the Fabrics for House Decoration

MR. *and* MRS. G. GLEN GOULD

FABRICS for the house come, indeed, from many sources. Silk, cotton, mohair and wool are far from being the only fibres which our looms can handle successfully. Ramie, jute and many things that grow can be reduced to a weavable state; and other hairs besides mohair find their way into our houses to provide us warmth and comfort.

The most interesting of these fibres used in home furnishing is ramie. Interior decorators have used ramie velours for some time, but few persons who have them in their houses know what they are. In the past year they have become better known, for in our American mills the stylists, those prophets of industry who feel out far in advance what the housewife is going to find acceptable, have been experimenting with ramie.

Ramie, or China grass, of the nettle family, is grown in China and elsewhere. The fibre is silky and strong, lighter and softer than linen, three times as strong as hemp. Plain surfaced fabrics of ramie were formerly much used aboard ship, but seem now neglected, while the velours are gaining in popularity. These have great "eye value," and hang heavy and lustrous; fold more sharply than cotton, linen or mohair and more like silk velvet; cost less than silk and about one half more than cotton. The present interest in the textile fold, which for many years was extinct except in vertical window and door hangings, will focus attention on the qualities possessed by ramie fabrics. They will be found useful for the present popular intricate drapery of elaborated valences, tied-back hangings for doorways, windows, beds and dressing tables.

RAMIE velvets and velours are made in plain surfaced or ribbed effects, in a large range of colors. Taupe, blue, mulberry, mole and walnut are most in demand; egg plant and nigger brown—*tête de nègre*, and henna are very effective, and lighter tones of gold and apricot are lovely in this lustrous fabric.

Speckled and *jaspé*, or streaked effects, are obtained by combining cotton with ramie, the cotton a bit darker, breaks the even surface color and gives that interest and depth to the fabric which is needed for large draperies.

Regular stripes, wide or narrow, in a large number of combinations, may be all ramie, or ramie and cotton; ramie, cotton and mohair; or ramie, plain cotton, mercerized cotton, mohair and silk. The last is a combination giving five different grades of luster in the pile and its colors. This is a very successful drapery fabric and much in vogue for its smartness. Undefined irregular stripes are also effective.

RAMIE for drapery and upholstery comes in a wide color range and many types of design. It wears astonishingly well and is not unpleasant to sit on; an objection made by some persons to mohairs. Stripes are used for chair seats and backs, for overstuffed furniture, and combined for seats and backs with figured mohair and linen velours. Period designs, from the Italian Renaissance to Georgian, are available. New designs are being constantly put out by our American mills. These designs are produced in many ways. A pile fabric with an even pile surface may have an effective design in cotton, (which dyes a darker shade), with the ground or the reverse of ramie, producing a charming shadow effect. An outstanding design has a ramie pile, with a flaked filling in the flat woven ribbed ground. It makes an interesting upholstery or drapery fabric with combined colors, such as taupe pile on a ground of taupe and red. The design catches the light a bit oddly at irregular points on its edges, giving an antique effect. Some designs, such as large Renaissance patterns, are given depth and richness by stiré and jaspé effects. Another new fabric has the design outstanding from a flat silk pile ground. The combinations are endlessly varied.

Some people may be surprised to find that they have jute in their houses. If you have a new brocatelle with a handsome bold design it will doubtless have a little jute as well as linen worked into it for weight and character. Burlap and monk's cloth, in basket weave, for screens, wall coverings, portieres and over-draperies may be of all jute or jute and cotton. Ornamented with openwork design and fringed by hand, it is used for table scarfs as well as drapery. Striped materials resembling coarse linen, richly colored in red, tan, blue and green, orange and black, are effective for decoration. Jute is hand or machine printed. Wide jute taffetas, with 25% cotton, printed in floral and bird designs, make strong slip covers, that wrinkle less than cotton. A new hand-blocked jute successfully imitates Jacobean crewel embroidery. It shuts out light completely, not being translucent, and so gives the full value to its design; it is very good with rough plaster walls and beamed ceilings, the ground black, natural color or brown. Tapestry designs are printed on both sides of a jute fabric for portieres. Good jute costs a little less than linen and more than cotton and adds a linen-like quality to cotton fabrics. Besides brocatelles, cotton damasks are sometimes given an antique look with more body and weight by adding a little jute.

Much jute comes from India. The plant is cut at time of flowering and the fibre prepared by a process somewhat similar to the treatment of flax for linen.

Haircloth that "wears like iron" is not a thing of the past. With the revived interest in early American furniture, even plain black haircloth may again appear on the kind of chairs and sofas it used to cover. It is still used to some extent in the South and in Pennsylvania. Brown is preferred in other sections of the country, usually for dining room chairs. Woven on a colored cotton warp and in small geometrical or compartment designs, it makes a good seat for mahogany chairs. Blue is the favorite color, in a medium dark shade, then green, green and gold, black and gold, gray, and drab. Clustered stripes, red and green, and broad stripes of red with narrow stripes of green are quite effective. Fine, deep-toned red or brown are the favorite New England colors.

Camel's hair is often classed as wool, except by merchants. It is remarkably soft, silky, and strong, and if we have an Oriental camel's hair rug in its natural brown color with hand woven design mostly in red, it finds a suitable place in the hall, living room or bedroom. If we have a camel's hair blanket, made of the softest hair from the camel, we treasure it for years. Hair from the faithful cow and from many another creature goes into blankets, but none is so soft and substantial as that from the camel of the East.

HUMAN ingenuity uses almost any kind of growing thing to make a fibre for weaving. If it cannot be spun, that is twisted into a thread, it may be used for "filling"—the cross threads or woof of a fabric. Japanese grass in delicate fibres is woven and backed with paper, forming an artistic wall covering for the living room, library, hall, or the office. It may have a rich metal-like background, and sell from $5 to $10 a roll. Heavier grasses and ligh straws are woven into rugs and mats with

(Continued on page 104)

FURNITURE OF COLONIAL MEXICO

Brought Over by Soldiers of Fortune, It Differs Vastly From That Brought by the Pilgrim Fathers

MARQUES DE SAN FRANCISCO

THE household furniture of the early Spanish settlers in Mexico was necessarily of a very simple character. These settlers, being mere soldiers of fortune, did not care to have luxurious homes, as long as they were ample and strong. But soon rich hangings began to appear, and at the beginning of the 17th century foreign travelers were struck by the luxury displayed in many a palace, richly but tastefully furnished. An apartment in the Viceroy's palace was decorated, by order of the Marqués de Falces, with mural paintings of battles, and the hall of comedies in the same building was embellished with a fresco in which were depicted "the trees of the grove, the flowers of the field, the waters of the valley, the noise of the chase, and the repose of the desert." This style of mural ornamentation was aptly called *grotesque*.

Silk damask, brocade or velvet hangings, however, were much more in vogue during the greater part of the Viceregal period. Several kinds of damask came to Mexico, taking their name from their place of origin,—Chinese, Italian, Toledan or Granadan,—all of very beautiful patterns, such as palms and pine-apples, baskets of flowers, crowns, angels, fruits and so on.

That tapestry was used in New Spain is easily proved by Colonial records, and it was only natural that there should be splendid tapestries in the Colony, since Flanders, then subject to the Spanish Crown, was one of the greatest producing centres in the world. The best existing examples thereof are undoubtedly those contained in the splendid set displayed in the Cathedral Chapter-Room at Pueblo. For many years it was supposed that they had been a present from Charles V, but as a matter of fact they were brought to Pueblo at the beginning of the XVIIth century by don Juan Núñez de Villavicencio whose coat-of-arms is to be seen on the topmost border of each piece.

Towards the second half of the 18th century, when the walls of a room were not covered with tapestry, damask or velvet, they were hung with hand-painted wall-paper imported from China. Sometimes, figures of stars, birds, butterflies and other objects were cut out of different colored

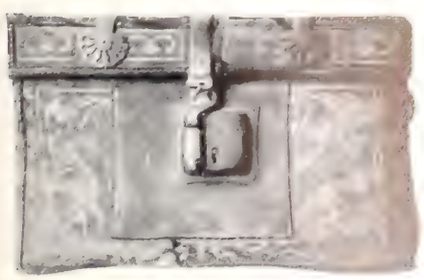
(Continued on page 118)



A group of Colonial Mexican furniture, showing the typically Spanish lines of the period. From the collection of Señora Martinez del Rio



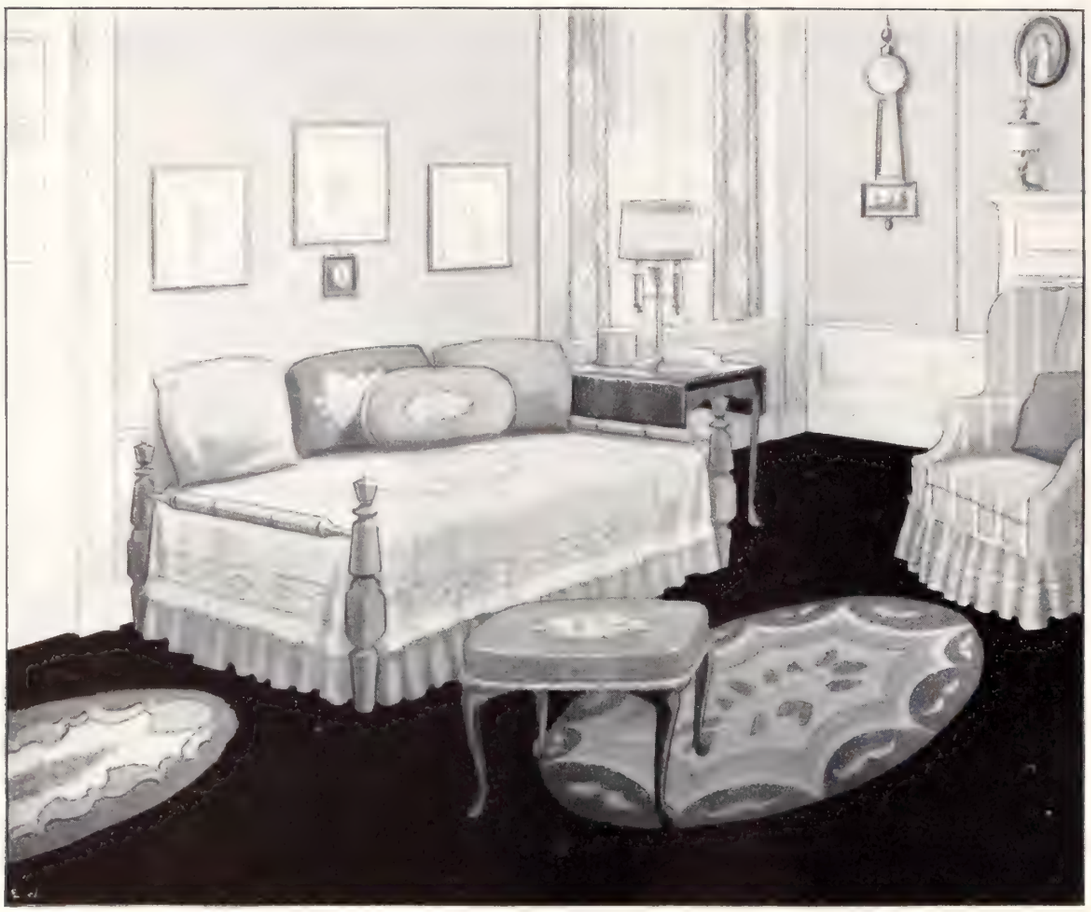
An armchair, from the collection of Señora Martinez del Rio, a piece dating from the rococo era of Spanish furniture



A bargueño of the 17th Century and obviously the sort of chest a soldier of fortune



Splendid tapestries were brought out by Mexican settlers. This example hangs in the Pueblo Cathedral



For a colonial interior comes a quaint early American maple day-bed, with low, sturdy posts shaped like inverted acorns. It may be covered in glazed chintz or an old-fashioned candlewick spread. Mrs. Gillette Nichols

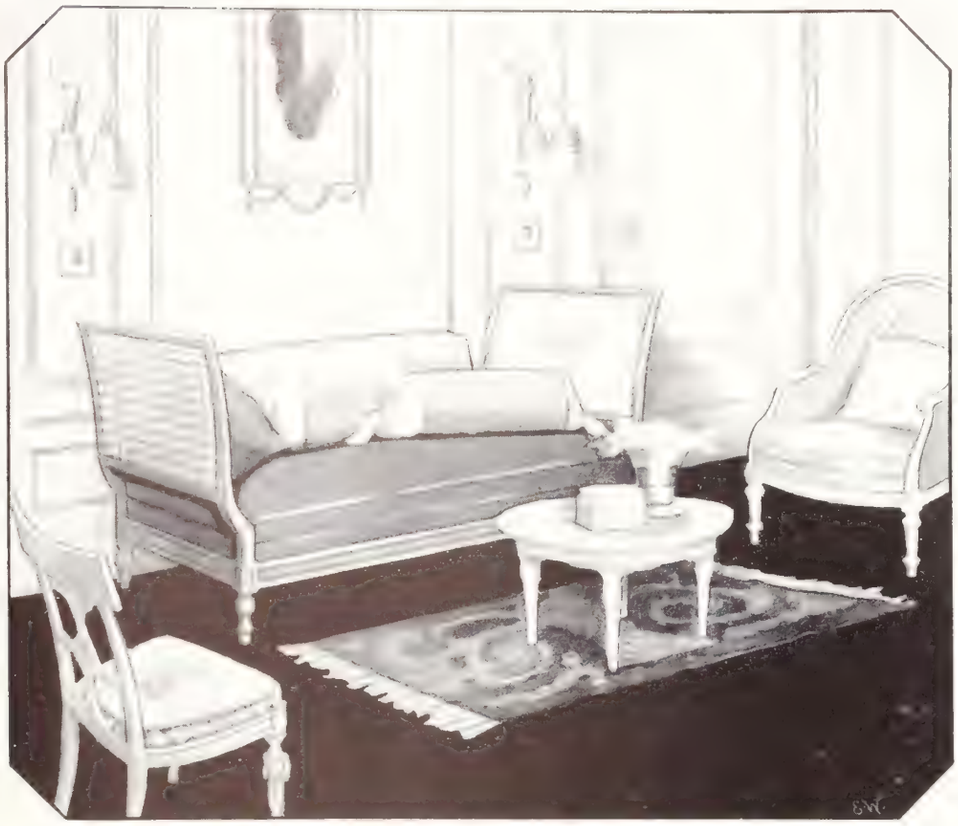
THE VERSATILE DAY-BED

(Below) In a room with blue-green walls, a walnut Directoire day-bed has been used. The chintz covering is cream and blue-green, trimmed with lacquer red taffeta. From Diane Tate and Marian Hall





(Above) The painted Directoire day-bed covered in striped green silk, the old French screen with its decorative design of branching trees, the graceful portrait of an 18th Century lady, and the fine Aubusson rug create a wall group of unusual distinction. Miss Swift, decorator



An interesting feature of the painted Directoire day-bed above is the variety of upholstery used. The seat is done in antique satin and interest is given the ends by covering one side with a flowered chintz and the other side with a [illegible]



An upstairs sitting room in the home of Mrs. Archibald McNeil, Jr., in Black Rock, Conn., has a walnut lay-bed covered in heavy red silk that matches one of the deep tones in the decorative figured wallpaper. Chapin, Harper & Duel, decorators

A special French [illegible] antique walnut has a delightful covering of yellow cotton embroidered in tiny sprays of flowers in rose, mauve and green. This material is quilted on the head and foot boards. Agnes Foster Wright was the decorator

(Below) A room done in the French manner has a Louis XVI day-bed painted old white and covered in cream and crimson toile de Jouy. The curtains are made of red taffeta and trimmed with cream colored ruffles. F. A. Belmont was the decorator





TEN POPULAR PERENNIALS

Some Notes on the Selection, Care and Propagation of What Is Perhaps Our Most Widely Favored List of Flowers

FRANK B. MEYER

SPRING FLOWERING BULBS—Crocuses, Snowdrops, Scillas, Narcissi and Tulips. Order early, in June if possible, hard and firm bulbs. Plant Narcissi early in the autumn (before October 15), not over four inches deep; Tulips a month later, the early types to be covered with four inches of soil and the late-blooming—Cottage, Breeder and Darwin—with about six inches, not quite so deep in heavy clay. Let there be provided rich soil beneath the bulbs for them to feed on; but let no manure touch the bulb; bonemeal is safe. In the shrub border near the front, or in the perennial border, plant five or ten or more, all of one variety, in one spot, of Narcissi or late Tulips. Early Tulips should be used for bedding.

IRISES. Buy, after very careful study of varieties, plants to set out late in June, *i.e.* soon after they have finished blooming, where drainage is sure to be good, with no manure or humus from any source; bonemeal and acid phosphate are good to use. Cut back the foliage and work the soil firmly among the roots, with the rhizome (fleshy rootstock) barely covered with soil.



The Iris, in many varieties, ranks among the very first of all the favorites



No other flower holds a more heavenly hue, or carries it more gracefully, than the Larkspur

A garden without Phlox would lack one of the loveliest and most reliable of plants



The freshfulness and gaiety of the Daffodil is typical of the Spring flowering bulbs



But if there is rot, first cut it away and dip the plant into a strong solution of permanganate of potassium. Japanese Irises like cool manure, such as that from pigs or cattle. They should be planted early in the spring or in August or early in September, while the common Irises may be planted at any time when the ground is not frozen. They must be covered for the winter with leaves or strawy mulch. (All small plants set into the ground in the fall should be protected, the first year, by a sort of shading, in the form of a mulch, against the alternate freezing and thawing of late winter and early spring, which would lift them out.)

PEONIES. Plant clean sound divisions, never clumps, pruned back to only two or four eyes, of only really good varieties, in deep soil, with plenty of humus and bonemeal, early in the fall, with the crown not more than two inches below the surface of the ground. Leave undisturbed for ten years or more unless you desire to propagate. Remove old seed pods and stir annually in the fall bonemeal in around the plant.



If any one perennial can be said to be more popular than all others it must be the Peony

COLUMBINES *(Aquilegia.)* Plant in fall or early spring, in half shade or full sunshine. Sow seed in June or late in the summer, in a carefully prepared bed, under a lath screen, and do not allow to dry out. Seedlings started late in the year would better be protected by means of glass.

DAYLILIES *(Hemerocallis.)* All varieties are desirable, except the brown, *Fulva*, which is coarse, and they vary greatly in stature and in season. Plant the clustered fleshy roots in fall or early in the spring, preferably along a stream bank or in partial shade.

(Continued on page 122)



The Chrysanthemum, in almost any of its late flowering varieties, is the autumn king of flowers



Hemerocallis exhibits a lilylike quality of form in flower and foliage with a bright yellow coloring



The Columbines offer a wide choice of colors and sizes, from white to deep maroon and dwarf to giant





This garden lies directly off the living room and makes an alluring bid for invasion with its pleasant design in a June dress of Delphiniums and a flag-marked walk beyond under a rose arch to a shaded seat

The grounds of the garden above have this delightfully simple, white painted paling fence for enclosure, and a garden umbrella as a useful and effective bit of incidental shelter. Preston St. G. Floyd, owner, Cleveland, Ohio

THREE PAGES OF TWO GARDENS FROM THE NORTH AND SOUTH





At twenty-four, in 1841, a Mrs. Ferrell began these gardens after being told she was doomed by fatal illness. She lived to work on them until the Civil War put a stop to landscape gardening

Without a plan or any skilled labor Mrs. Ferrell created these romantic fantasies in Boxwood. The knotted parterre above occupies one terrace; the "grape cluster" at the left hangs across another



Wide & Ivey

The house, with its splendid Classic facade, which was burned to the ground, has been restored and remodeled along its original dignified lines for its present owner, T. E. Calloway, by Hentz, Reid & Adler, architects



The driveway in the foreground of the main terrace above is [illegible] Mr. Ferrell's Magnolia collection. The [illegible] wall at the right, with its interesting masonry construction, separates [illegible] from the [illegible] entrance to the garden

THE FERRELL GARDENS AT LA GRANGE, GEORGIA





Romulea fureaica Lee. Crocus and a vertical position where water is easily shed from it. Its flowers are blue. From Mr. Lown's garden



Anemone blanda, the Greek Windflower runs through soft rose, deep and pale blue, pure white. It multiplies from selfsown seed with fair rapidity. From Mr. Lown's garden

Cyclamen hederafolia, now denied us by the quarantine is hardy, and blooms at a time when flowers are few. From Mr. Lown's garden

WHAT IS A ROCK PLANT?

An Introduction to Rock Gardening

LOUISE BEEBE WILDER

THE rock gardener, in search of a truth to guide him in his fashioning with rocks and living green things, will find none more helpful than that proportion is beauty.

This axiom, taken to heart and acted upon, enables him to draw his little hills and vales, his jutting cliffs, his paths, pools, shrubs and plants into such happy adjustment to each other and to the surrounding topography that the result spells reality and beauty, instead of unmeaning confusion.

And not the least significant of these adjustments has to do with the plants and shrubs chosen to clothe the bit of rugged country that a well-conceived rock garden is designed to portray. The more restricted in size and scale the small landscape, the more diminutive should be its flora and silva, for it is a fact that one great gawk of a plant allowed to cling to a miniature mountainside, will contrive to throw the whole out of scale, just as conversely a tiny spruce or Cedar, well placed, will endow the little scene with reality and atmosphere.

Where the construction is bold and extensive fairly large subjects may be used, but, generally speaking, the ends of beauty and relevancy are best served when the plants chosen do not exceed a height of one foot, nor the shrubs a greater stature than three feet when full grown. Among shrubs and plants within these limitations is a wide choice, and some are fit and some are not for the purposes of the rock gardener.



This rock garden under construction for Mrs. Ralph Troxell, at Bronxville, N. Y. offers a wide diversity of sun and shade and natural rock out-crop

Certainly just any dwarf plant will not do. It is upon the understanding and acceptance of this premise that much of the beauty and interest of a rock garden rests.

To make of the rock garden merely a somewhat eccentric extention of the ordinary flower garden, clothing its windy heights and salubrious valleys with such as Phlox and Funkias, common Iris, Salvia and Nasturtiums—folk that must feel as foolish and out-of-place as they look in such alien surroundings—is to pass up the opportunity for the keenest interest and enjoyment, and to commit an obvious absurdity. There is no possible reason or excuse for going to the expense and great labor necessary to build a large rock garden in order merely to accommodate plants that would be far happier in the level borders. Yet up and down the country one sees magnificent sites and laboriously constructed rock work devoted to just this banal usage.

What, then, are the plants to which these very special surroundings should be dedicated? Long ago I made for myself this resolution; a rock garden should be devoted to the exclusive use of hardy plants of dwarf stature that require special conditions of soil or situation, and to those too small and fragile to hold their own, or to



Note the great number of buds at the heart of this Italian Bellflower (Campanula isophylla) that will presently turn it into a mound of pale blue stars



Silene pensylvanica is a bright pink-flowered native of eastern wooded hillsides, growing in partially acid soil and partial shade



With hairy leaves and pink blossoms the Himalayan Androsace sarmentosa is hardy and easily grown. Give it sunshine and a well-drained soil

display their charms in the hurly-burly of the ordinary borders, yet possessing beauty of leaf or blossom in a sufficient degree to make them worthy of a special setting. This has proved a good rule. It permits a wide and catholic choice while steering us away from the incongruity of sophisticated border plants playing at being mountaineers, and saves us from the dangers of such insatiable marauders as Ground Ivy, Bugle, Goutweed, Moneywort and Creeping Jenny, free-booters too often given the character of rock plants in high standing, but which should never be allowed within the precincts set aside for the housing of choice plants.

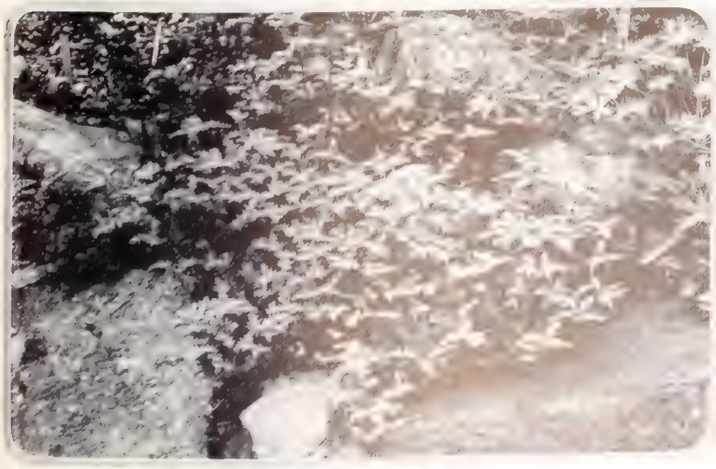
Custom has bestowed upon the terms rock plant and alpine a somewhat broader meaning than recently obtained. An alpine, strictly speaking, is a plant growing upon a mountain *above the timber line*. Today any high mountain plant—and indeed some that never saw a mountain—is credited with being an alpine. The term rock plant suggests rocky surroundings, but we now gather our "rock plants" from wood and meadow, prairie, bog and shore, and our only restriction is that they be of dwarf stature and of a general character and disposition to look well and to thrive in a rock garden. But as I before said, just any dwarf plant will not serve. Mere dwarfness should not provide a ticket of admittance to the rock garden. For many a small plant has no beauty and many a one is too gardenwise to appear well among the wild things that chiefly constitute our delightful company.

(*Continued on page* 150)

With this article is begun a series of articles on rock plants and rock gardening by Louise Beebe Wilder, one of our most distinguished amateurs and writers on those subjects

The true Sedum ternatum, a hardy perennial from Virginia. It bears pink flowers, self-sows readily, and makes a good ground cover for small bulbs

This Saxifrage forms miniature bright green cushions with myriads of white blossoms at mid-spring. It requires light, shade and a sandy, leaf-mold soil





WINTER BEAUTY *in the* WOODY PLANTS

E. H. WILSON, V.M.H.

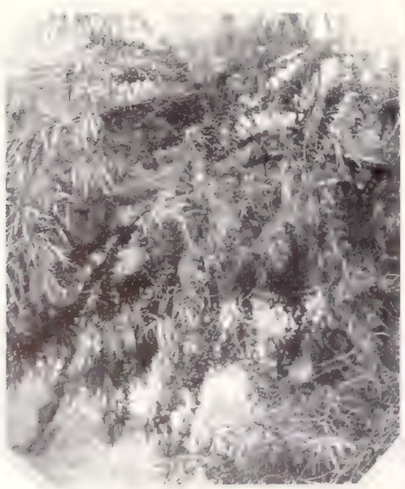
NOT in the darkest and most dreary of winter days is a garden of trees and shrubs devoid of beauty. Their leaves have fallen but the deciduous woody plants stand boldly forth and display to full advantage their buds and barks. Indeed, it is winter when naked that the particular characteristics of their habit and form are most clearly pronounced. A garden of herbs at its best has its charms restricted to three seasons of the year, but a garden of woody plants has no such limitations; its charms are perennial, varying in aspect throughout the four seasons. A fall of snow covers the ground and hides all herbs from view, but to the trees and shrubs it is merely a foil which heightens by contrast the beauty of their architecture.

Throughout the winter berries of red, white and black bejewel the bushes of Barberry, Cotoneaster, Black Alder, Snowberry and Privet as do shining scarlet fruits the Hawthorns. In the HOUSE & GARDEN issue of last September the merits of Hawthorns in general are expatiated upon.



The bark of the White Birch is the most effective of all trees in winter, particularly when seen against an evergreen background

The branches of the Sea Buckthorn carry a wealth of orange-red berries from October to May



The American Beech, clean limbed and soft gray, is one of the splendid



Here it suffices to remark that [illegible] winter landscapes can be enriched remarkably by the planting of certain kinds, notably the Washington Thorn (*C. cordata*) and Sargent's *C. nitida*. Both have [illegible] bright scarlet fruits persistent until April with scarcely any perceptible loss of lustre. The Washington Thorn is a small tree with more or less rounded crown made up of slender branches. The other is a flat-topped tree with rigid wide-spreading branches. In habit these two Thorns are complementary and in beauty they are not surpassed in winter by any tree or shrub hardy in the colder parts of this country.

The branchlets of the Elms, Silver and Red Maples are crowded with clustered flower-buds. On the Birch and Corylus hang in thousands clusters of gray, male catkins, and the stems of the Goldenbells, Spicebush, Leatherwood, Japanese Witch-hazel are studded with flower-buds. All are ready to burst into bloom at the first blush of spring. Occasionally in a mild February some of these incautiously open their flowers only to be nipped by heartless Jack Frost. Nor are flowers altogether lacking, for in normal winters a Witch-hazel *(Hamamelis vernalis)*, native of the gravelly river-beds of Missouri and elsewhere, unfolds its yellow star-like flowers, the petals spreading from a wine-colored chalice.

The winterbuds with their closely packed scales which protect the tender growing points are also full of interest. In the Beech, the winterbuds are long and [illegible]

[illegible]



Tatarian Dogwood (Cornus alba) is a handsome, heavy shrub with branches of brilliant red





The Black Alder or Winterberry and Buckthorn [illegible]



G. W. Hartman

(Above) An excellent desk for a Colonial living room or man's study is this reproduction of an unusually good early American secretary. Courtesy of Erskine Danforth

(Below) When a note of color is needed in a room it might be supplied by a small lacquer secretary in dull turquoise blue and gold, florid but fine. The New York Galleries



(Below) This mahogany secretary with its graceful arched top, drawers and space for books would add interest to a library or a living room. W. A. Hathaway





(Above) For a bedroom morning room a reproduction of a Duncan Phyfe mahogany table makes a charming desk. Erskine Danforth. Accessories from Scott Robertson

A reproduction of a Louis XVI desk with an inlay design in tulip and rosewood might be used in a bedroom or small French sitting room. Courtesy of the New York Galleries





CHOOSING THE RIGHT DESK

...commodious ...e table desk with a ...wer in the ... three or ... a excellent type for ...arge living room, ...ary or man's room. ...may be had in wal- ...or mahogany. The ... Hampton Shops



...ll, graceful and ex- ...lingly practical on ...ount of its many ...wers, the walnut ...e-hole desk shown in ... picture below is ...ible to many types ...rooms. Desk and ac- ...ories from R. H. ...Macy & Company

A charming reproduction of an English 18th Century mahogany desk is shown below. It has a convenient interior arrangement of shelves, drawers and small cupboards, and three drawers underneath. W. A. Hathaway Company





...R. H. Macy ...



The Monuments of Paris, a scenic wallpaper printed by Dufour in 181[illegible]. From Historic Wall Papers, by Nancy McClelland

A SHELF OF HOUSE AND GARDEN BOOK

This Season Is Especially Fertile In Valuable Works on the House and Its Garden

IT is an encouraging sign that so many excellent books on the subject of the house, its decoration, its architecture and its garden, are being published today. The appearance of these books presupposes authorities to write them and a buying audience to read them. Many volumes on these subjects have been poured forth from the press in past seasons, but the last few months have produced books so superior and so important that their appearance cannot be passed without comment. We have therefore selected the following volumes for our especial commendation and recommendation to those who would enrich both themselves and their libraries.

HISTORIC WALL PAPERS. By Nancy McClelland. J. B. Lippincott Co.

The appearance of this handsome, robust and scholarly tome comes somewhat as a jolt. Until its pages are turned you scarcely have realized that wall papers had such a lineage. And perhaps you never realized that, until Miss McClelland undertook this work, there never was written or compiled a definitive history of wall paper. She ve tured forth on practically an uncharter sea. The result of her voyaging is a su vey complete and illuminating.

The early stirring of the wall paper ur was first felt in France, around 1690, wh papers imitating landscapes and histo scenes began to serve as tapestries. T next step was the application of sheets decorative paper to walls, paper made *dominotiers* for the trimming of box Then imitations of fabrics began to appe

(*Continued on page* 126)



A stencilled and hand-painted Chinese paper [illegible] in France in the [illegible] Century. From Historic Wall Papers



The residence of Egerton L. Winthrop, Syosset, L. I., an example of the Colonial type of architecture as applied to an orchard setting by Delano & Aldrich, architects. From American Homes of Today, by Augusta Owen Patterson



A fragment of old English wall papers in oil colors from wood blocks. From Historic Wall Papers



roken corners and ir-gular lines lend inter-t and help to reveal e real nature of the slates





Closed and concealed valleys give entirety to roof surfaces which are broken by dormers and cable

Dutch lap slates are extra wide, giving shadows throughout a roof of great extent, but the side walls below should appear equal to such treatment, and notably the roof load above. Cross & Cross, architects

THE SLATE-COVERED ROOF

Durable and Fireproof, Slate Also Runs Through A Considerable Range of Nature's Own Coloring

FREDERICK HOUSTON

WHEN the powers that be were planning the crust formation of this earth of ours, the happy thought must have occurred that the future occupant of the surface had better be provided with material for roof covering. So in many parts of the world, in the shaping up of the rock deposits, material was put in, which as in many stone formations, had the usual cleavages or layers on a large scale, and likewise would split readily and into thin plates across the strata and afford thin plates of rock, unburnable, durable in the weather, and generally beautiful and soft in color.

Man has not been slow in using these deposits, for wherever they occur, the slated roof has been prevalent. Today, with easy transportation, this use is not confined as it once was to the locality provided with slate deposits. Slate finds its way to districts which are quite unblessed with natural supplies of their own.

We associate the use of the baked clay, or tile roof with ancient Greece and Rome, and with Latin civilizations. Slate places its use in our minds with Gothic and Western civilizations, and it has been in many parts of Western and Northern Europe that the use of slates for roof covering has been constantly habitual from early times.

When an English home comes to mind, an ancient one, we unconsciously have a slate roof upon it. England was blessed with large and scattered deposits of this nicely splitting rock and so has continuously used this roofing material so fortunately planned in just the right way by nature.

When the Romans were in England, they appear to have followed the habit of their Italian peninsula, and used tile of fired clay for roofing. The English Cathedrals frequently had their roofs sheathed in lead, but the accompanying less monumental buildings of the time, the parish churches, the monasteries and the larger homes, show generally the use of either shingle tile or of slate, the latter being used whenever it was to be had from near at hand. This mediaeval use of slate was always very beautifully handled. The walls were most often of stone, and the slates by carrying Nature's own stone coloring up into the roof—brought about a quiet and beautiful harmony between roof and wall. In laying their slates, the mediaeval builders had no conception of extreme regularity and preciseness, either in the surface or the edges of their roofing material,

(Continued on page 142)



Graduated [illegible] and exposure, slate here affords a fitting covering for the beautiful stone work of the walls. The late Bertram G. Goodhue [illegible]



M. Pechner

The flowers of Evelyn Thoreton start apricot and copper and gradually turn to flesh pink with shading of orange. It is a free bloomer



Almost as large as a Hybrid Tea's are the flowers of Gruss an Aachen—flesh pink overlaid with yellow, and with deep green foliage



The buds of Tip-Top have Tea form, tipped deep rose, and inner petals golden yellow splashed with pink. It blooms in spring and fall

LOW-GROWING ROSES

A Great Variety of Colors and Forms of Bloom Is To Be Found in This Interesting Group

J. HORACE McFARLAND

DWARF roses suffer from several names, and none of them is entirely satisfactory. They are called Polyantha, from the Latin termination *Rosa polyantha*, which is an orphan name since there is no such species admitted into the consanguine limits of botanical relationship. They are called Baby Ramblers, which is a contradiction of the facts, since these Roses are neither babies nor do they ramble. And they can be called low-growing Roses, which isn't a bit poetic. However, here is a case where the adage is proved—you can call this group of Roses by any other name you please, but they will smell and appear just as sweet.

There is a form of the Japanese *Rosa multiflora* with which the Fairy Rose of China *(R. chinensis minima)* has been combined, and this has produced the basis of what we call the Polyantha Roses. A literal translation of the German title for the class fits the situation better. In Peter Lambert's comprehensive catalog issued just before the war, the class is called *Vielblumige Zwergrosen.* These Roses certainly are "many-blooming dwarf Roses."

I well remember coming first in contact with the class, about 1880, whe there arrived at my father's greenhous two interesting dwarf Roses. One wa *Anna Marie Montravel,* and the othe was *Paquerette.* The latter, I find, i still in European commerce.



Yvonne Rabier is a pure white with yellowish shading at the base of the petals. Buds are clustered and produced abundantly

Generally speaking, the Polyanth Roses are dwarf as compared with th Hybrid Tea and Hybrid Perpetua Roses, and they are much more nearl everblooming than other Roses, largel of the distinguishing characteristics of th flowers that develop on them. Anothe of the distinguishing characters of th most of the group is the cluster-flowere quality, which is a direct consequence o the multiflora relationship, that relation ship also adding more than average har diness, so, that, at least in my experi ence, the Polyantha Roses go unharme through a winter which will consider ably bother the Hybrid Teas.

European hybridizers both in Franc and in Great Britain, and more recentl in Holland, have done considerable wor with the Polyantha Roses. Peter Lam bert's catalog above referred to, describ seventy-three sorts, and at least twenty five or thirty have been added sinc Selected down by the more discrimina



In the foreground is a seedling of Anne Alice Muller, a medium double deep rose blooming from June to Fall



Among the bright scarlets is Ideal, with flowers that are persistent in their beauty. It is also the best of its color

ing Luxembourg Rose growers, Ketten Brothers, we find in 1924 forty-nine varieties described, to which several of real importance have since been added.

The Rose which in the United States fastened upon the class the name of "Baby Rambler" came about because the well-known Crimson Rambler was hybridized into the family in 1904. It was hard to handle the name *Mme. Norbert Levavasseur*, which some American terminologist christened that Rose "Baby Rambler," evidently overlooking the fact that it was but one of many varieties not at all properly described by that name. The original Baby Rambler, by the way, continues to be one of the most persistent and dependable varieties, but its magenta color makes it less desirable than the other

Nowhere has the peculiar quality of variation without respect to parentage more specifically manifested itself than in this Polyantha group. We have the lovely *Gruss an Aachen*, which, if it were not called Polyantha and classed with the dwarfs, might do extremely well as one of the best Hybrid Teas, because it has large flowers and many of them. We have also the dainty *Tip-Top*, which produces perfectly formed miniature Tea Rose buds with an extraordinary and indescribable coloring of yellow and pink, and everything between them. This little *Tip-Top* just naturally suggests that the bud was particularly designed to be a buttonhole Rose.

Running somewhat parallel to *Gruss an Aachen*, and obviously

(Continued on page 110)

DISGUISING A COLLECTION

How The Enthusiastic Collector Can Make Both His Treasures And His Family Feel At Home

GARDNER TEALL

OF late, there has been noticed a tendency to turn homes into museums, at least certain rooms in them. That is to say, old-fashioned museums. The museum of today no longer is willing to remain a mere *omnium gatherum*, but seeks, as nearly as possible, to arrange its treasures in such a manner as to give them the appearance of furnishings, to re-create in this way something of the atmosphere of the ages which produced them, since beautiful things were not made by oldtime craftsmen for museums but for houses and other buildings and purposes.

How often we find present-day collectors forgetting this fact. As a consequence, their houses appear to their friends as anything but attractive homes, since (unfortunate though this may be) one's hobbies are not always shared by one's intimates. Where the interest does not seem to extend even to other members of one's family, could any arrangement be more unfortunate than forcing one's family to dwell amidst showcases and undecorative shelves whose treasure of art can lend no more attraction to a room than can bowls of jade on the shelves of a kitchen pantry.

This may seem an extreme case, but my experience teaches me that it is not. A little sermon might be preached upon the subject; doubtless little sermons frequently have been, but behind closed doors to audiences of one, obdurate and unregenerate.

THE gift of admiration, of comprehension, the single faculty by which the ordinary man becomes the brother of the poet, is rare in the city of Paris, says Balzac's *Cousin Pons;* it is rare in any city, more rare still in any town or village: indeed, the further removed from a metropolis a collector is, the more lonely he may feel as a hobbiest. Some Louis may declare *"L'Etat, c'est moi!"* but nothing can make a family believe its interests are centered in the acquisitive entity of a collector of antiques if the said family has other interests which are not the interests of its antiquarian member.

In *The Prisoner Who Sang* Johan Bojer says, "Things possess just the value the human mind gives them," and so it is that the more we know of the worth-while side of things, the more interesting those things become. "Bric-a-bracology," somebody called it. Of course homes must have things, but no home should become exclusively a lararium. That is the case against those who, in their enthusiasm for collecting, turn their house into museums: they have lost their sense of proportion. I suppose contact with such people led Colton to say that a thorough-paced antiquary not only remembers what other people have thought proper to forget, but he also forgets what other people think it proper to remember! Custom has associated the word "collector" with that of "antiquarian," but I know many, very many persons who, while decrying traditional collecting, wondering the while what on earth is in people to make them so perverse and peculiar as to wish to collect, do themselves, at the same time, constantly gather up contemporary trifles by the cartload.

When I refer to contemporary trifles, I do not wish to be thought to disparge the things of today that do not deserve it. As a matter of fact, never in the world's history were more things of interest and beauty being turned out than at present. It amazes me that there are so few extensive collectors of the beautiful things of today's fabrication. The pathetic part of it is that people still too often turn away from these things to patronize the vast production of the artistically worthless, thus adding blind, deaf, dumb and soulless lares and penates to the gallery of the household gods. In *The Treasury of Ancient Egypt* Arthur Weigall writes: "Nor must it be forgotten that modern objects of modern design will one day become antiquities; and it should be our desire to assist in the making of the period of our lifetime an age to which future generations will look back for guidance and teaching. Every man can, in this manner, be of use to a nation, if only by learning to reject poor work whenever he comes upon it—work which he feels should not stand against the criticism of Time."

WE cannot, of course, admit that beautiful new things without a history can compare with beautiful old things which have historical associations. But how few new objects of art are without historical antecedents? And if these enter our homes naturally, that is to say, if they enter into the general decorative scheme without intrusion or obtrusiveness, why should not old things do this as well?

I have seen the living-room of a collector of Japanese pottery ruined by the disposition of his treasures in cases about the rooms, cases for all the world like a country grocer's. Coming upon them one almost expects to find advertisements ground into the front glass or gilded on the panels. Another collector of Japanese pottery whom I know has so arranged all the pieces in his collection that they form units in the harmonious decorative arrangement of his living-room and in no sense give a visitor the feeling that he has dropped into a museum to spend the evening.

It is true that many a collector brings down unhappiness upon his own head by arranging his collections in his home in such a manner that exasperated lay persons are tempted to consider them as frippery, or to call them frippery even when they know better. I recall visiting in a family having as one of its members an enthusiastic collector of minerals. His collection littered up one end of the library and as you tried to move about, it was like taking a trip from Parnassus to the Rocky Mountains. In another house I had seen a much more extensive collection which my host and hostess had taken great pleasure in forming and for which beautifully designed cabinets had been made in the walls, fitting in with the architectural decorations of the room. Concealed springs released sliding panels which, when moved aside, revealed the glass shelves of the cabinets behind inner glazed doors with a light switch at hand. Turning this on the specimens of crystals and the like were beautifully illuminated by the concealed lights. Such a collection was a surprise and a pleasure to everyone to whom it was shown.

I AM no collector," says one of Clemence Dane's characters in *Wandering Stars*, but I like using beautiful things;" this after he has filled for his guest "a glass that a doge had stolen sleep from." The collector would, naturally enough, hold up his hands in horror at such "sacrilege." Even certain contemporary productions are for beauty's sake and not for utilitarian purposes; the beautiful old things have become too few, too rare, not to deserve retirement. Perhaps the collector has found that his treasures are not safe from the inroads of those who have a hankering to put everything to some use; nevertheless, there is always a way out of museumifying a home and still keeping one's art objects safe from such mammals. I have seen whole houses full of things that ought to have been consigned to the flames, the ashpit and the stone-crusher; other homes in which every object used in their decoration was one of beauty and of interest.

Naturally bad taste can never be good

(Continued on page 114)

THREE PAGES *of a* SERVICE GROUP *on Long Island*

THOMAS HARLAN ELLETT

Architect



The end of the garage, seen from the [illegible] side, [illegible] one of the most interesting [illegible] of the group by reason of its recessed outside stairway, and [illegible] wall surfaces. The [illegible] wall [illegible] [illegible] the outside [illegible] texture [illegible] laid flat and [illegible] [illegible] [illegible]



[illegible] end of the court are notable for the generosity of their scale and the beauty of their heavily [illegible] masonry lined [illegible]

A COURTYARD ON THE CURVE OF A DRIVE

at Port Washington, L.I.



A raised, clover-leaf pool, with parged walls and a flagstone coping, occupies the center of the terrace connecting the guest house and caretaker's cottage. The amusing dormer on the guest house is a bit of Norman inspiration

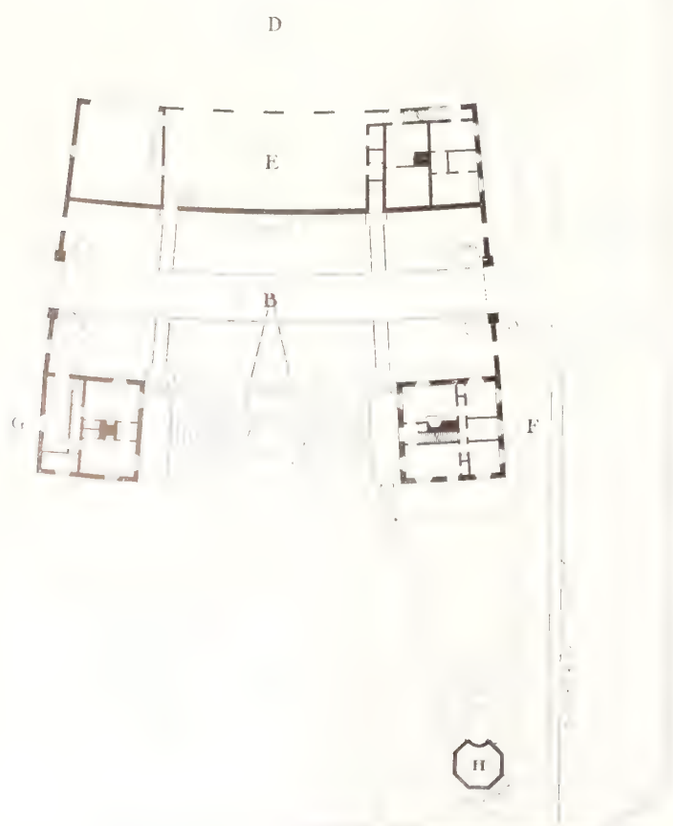
Florence B. Forsyth



The low wall, built on a flat curve to follow the drive, supports the terrace and carries four decorative plant stands in wrought iron. From the terrace, and framed by the two buildings, may be had a splendid view of the waters of Long Island Sound in the distance



This view from the hillside above gives a good idea of the group as a complete cluster of buildings. The walls and chimneys of parged rubble masonry combine beautifully with gray-green-black of the tile roofs



The long drive curves at this point [illegible] the entrance [illegible] ite, the [illegible] kate of the [illegible] "B" is the view of the Sound, "D" the garage court, "E" the garage, "F" the caretaker's cottage and "G" the guest house



Hutaff

An effective fireside grouping consisting of two old sou de fen eats covered in green striped silk, and a pair of small tray tables is the feature of this living room. Agnes Foster Wright, decorator



Much of the restful charm of the side wall grouping at the left is due to the balanced arrangement—a toile covered sofa flanked by chairs, tables and lamps. McMillen, Inc., decorators

BALANCED

Formal and undeniably decorative is the balanced group in the room below. Here a fine old French desk is set between windows hung in crimson and yellow striped silk. McMillen, Inc., decorators

GROUPINGS

A tall, chintz-hung window serves as background for an unusually pleasing furniture group. The sofa is Italian Directoire and the chairs French provincial. Elsie Cobb Wilson was the decorator



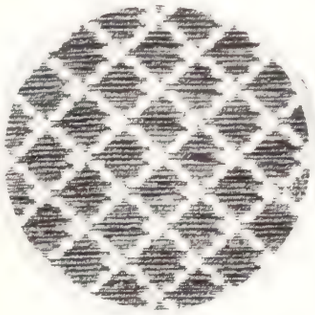


Thurber



The heavy cotton fabric above has a light tapestry ground and a design resembling embroidery in dark blue and old rose. 50 inches wide and $4.00 a yard





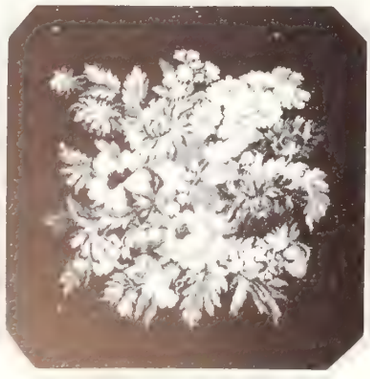
Sunfast cotton and silk mixture. Mulberry with blue lattice, blue with rose, sage with brown, jade with gold, blue with gold, tan with blue. 50 inches, $7.99



An effective covering for chairs is the striped velour moiré above. Blue and gold, black and green or blue and apricot. 50 inches, $6.99



A smart new glazed chintz with either a bright sapphire blue or red ground has diamond shaped motifs in oyster white. 25 inches, $2.10 a yard



The fabric at the left comes in a strip 36 inches wide by 52 long. It has two embroidered motifs for the back and seat of a chair. $8.50



In a library with figured curtains, a sofa or overstuffed chair might be covered in mohair, an unusually durable fabric with a raised stripe in self tone. 48 inches, $6.50

FABRICS FOR CHAIRS



This checked cotton material would make delightful cushions or covering for the quaint French peasant chairs so much in use. Purple and tan, green and tan or brown and tan. 36 inches, $1.75

HOME-MADE ELECTRICITY

For the Country House that Lies Beyond the Source of Supply There are Small Plants of Great Efficiency

ETHEL R. PEYSER

"WE HAVE oil lamps, because there is no electricity in these parts." We hear this said in remote districts. Yet the danger due to lamps and hit or miss lighting could be so easily avoided by a small concentrated "joy machine"—namely, the electric lighting plant in its simple dimensions or great.

Good lighting has become as basic a demand as good eating. It is quite right that it should be, for good lighting means good health, and solid comfort. But there are some districts all over the world where candles and lamps seem to be the most convenient, and even the only, method of lighting, for the reason that there is no gas or electricity leading into them from the well equipped districts.

So it comes to pass that many people bewail their fate and moan. They envy those who use gas and those who have electric lights, and never think that probably they too could have these comforts if they but delved into the subject. For there are good electric plants for the home, as well as plants for home-made gas, all of which are most convenient for districts without gas or electricity.

There are two kinds of plants; that which uses the *storage* battery and that which uses but one *starting* battery. The storage battery has a voltage usually of 32, the other of 110 volts. We are going to describe first, and at length the storage types —as these predominate. Afterward we will explain the "starting" battery type.

There are many homes in the country that only need lighting and enough electricity to run domestic appliances. However, it must not be forgotten that the plants for lighting and power are superb machines and simple, making easy the tasks of farm, ranch and dairy and the very large domestic establishment.

THERE is little need for the microscope when we analyse these plants; for whenever you buy one, it is well to be able to see what you are getting with the naked eye and take no chances on hidden anatomies.

These plants consist mainly of the fuel tank, which usually holds kerosene or gasoline; the engine, the generator, and the storage battery. They are, briefly, small 32 volt electric plants of from 500 to 1500 watts capacity, which generate sufficient electricity to light 20 to 60 twenty-five watt lamps. However, think of the capacity of these machines in watts, because volts are not capacity but pressure. If you have a machine of 500 to 1000 watts (kilowatt) you will know that you can't use a number of lamps requiring much more than 1000 watts. It is merely a question of addition. If you have five bushels of potatoes you couldn't give six people a bushel each. So rank your machine according to watts, not volts, and use it accordingly.

ALL these plants work very much on the same general principles. They all have the motor, the generator, the lubrication system, the batteries, etc. and vary only in types and varieties. One machine has one-fourth the number of moving parts of another; still another is more simple; one has a certain battery control and another another, and so it goes. Some are water cooled, some are air cooled. Each maker, of course, thinks that his is best or he would be selling his competitors'.

What we want to do in this article is to tell you of the different types that are excellent and allow you to manifest your will and sense of choice in your purchase.

Above all, in these machines, their component parts should be an open story. They should be as simple as possible without a lot of fixings to blot out comfort. If you need a plant only to make light for you and power for home appliances, one of the smaller plants will do. If you have a home in which you are using household electric devices get a machine large enough to make the amount of electricity you will need. If you have electrical farm machinery, get the machine that will take care of the present load and a little more, so that you will be able to let your efforts grow and be cared for adequately by your plant. This is good advice when buying machinery for any home or farm. Always tell the dealer exactly what you need and why and he will advise you wisely—if you have been careful in your choice of dealers.

If you own the storage battery type of plant, you need run it but two or three times a week, because you will enjoy the electricity stored in the batteries between times. However, it is advisable, when using an iron or other devices with heating elements, to start the electric plant because these things use the equivalent of twenty lamps and therefore reduce the stored electricity too quickly; "at one fell swoop," as it were!

Some of these plants come with a capacity of about 2500 watts, so that there is really no farm nor home that cannot be made comfortable with electricity, if it is really wanted, and there can be no place too remote, to have the exquisite joy of mechanical power instead of the leg-and-arm power that becomes tiresome on a day by day basis. It is possible that these labor saving plants have given more pleasure and comfort where they are used than any other one thing.

These same power and light plants, let it be said, in passing, will run the electric motor, used to pump water. Thus, nearness to town or city need not be the condition of electric comfort of any kind. This applies only to localities not supplied with central station service. One of the smaller machines weighs 125 pounds exclusive of the batteries and wiring. Its lightness does not mean that it is better than any other plant on the market, only that you can move it about, which is rarely necessary. This portable outfit can be put in the back of your motor, if you want to use the same plant for the boat that you use for the bungalow. Furthermore, if you mean to go camping, this same plant can be uprooted and taken along. It contains nothing much to get out of order, as there are no valves to grind, no carburetor to cause ructions, no gears to get out of gear, no push rod to presume, and what is among the finest quality of this type of machine is that its fuel consumption is very low—to say naught of its low initial cost.

The smaller types are not imitations of great plants, but are plants made and designed for their own special scope and, being in no way substitutes, do their work beyond reproach.

Another feature of some of the plants is that they are automatic. All that has to be done when and after the plant is installed is wiring, filling the tank with fuel, adjusting the intake as per directions, then using your lights and enjoying life.

THE batteries are charged and ready to use when installed and when the batteries get low, and it is necessary to recharge, simply press a button, as you do to start your automobile, and the motor will run until the batteries are fully charged, then automatically stop. No engineer is necessary. Anyone can have these plants anywhere, and enjoy the blossoms of light and power. All you need do is to keep them stocked with fuel.

The cost of electric light per lamp is about one cent per day. Oil is no cheaper. However it is always dangerous to give

(Continued on page 122)

HOUSING THE GARDEN TOOLS

An Efficient Tool Building in Which There is a Place for Every Tool, and a Tool for Every Place in Which There is a Tool for Every Place

CARL STANTON

GOOD garden tools pay large dividends in usefulness and pride of ownership. But their usefulness will lessen with one's pride in them if they are not properly cared for. After they have been properly selected, they should be carefully tended, and sheltered efficiently. As tools accumulate the sheltering becomes the big problem—and one that is seldom efficiently solved.

The place for which the accompanying plot and plan were made is a summer estate with lawns, flower and vegetable gardens, fruits, and the like, but no cattle or farmland. The tools chosen are the result of much thought and investigating. It may be that some for certain special operations have been overlooked, and others that might not be necessary on a small place have been inserted, but in the main the list has served very well.

It seemed after visiting many toolhouses that those which were of one large room presented a far more cluttered appearance than did those which consisted of two or more rooms, which accounts for the many little rooms into which this toolhouse has been divided.

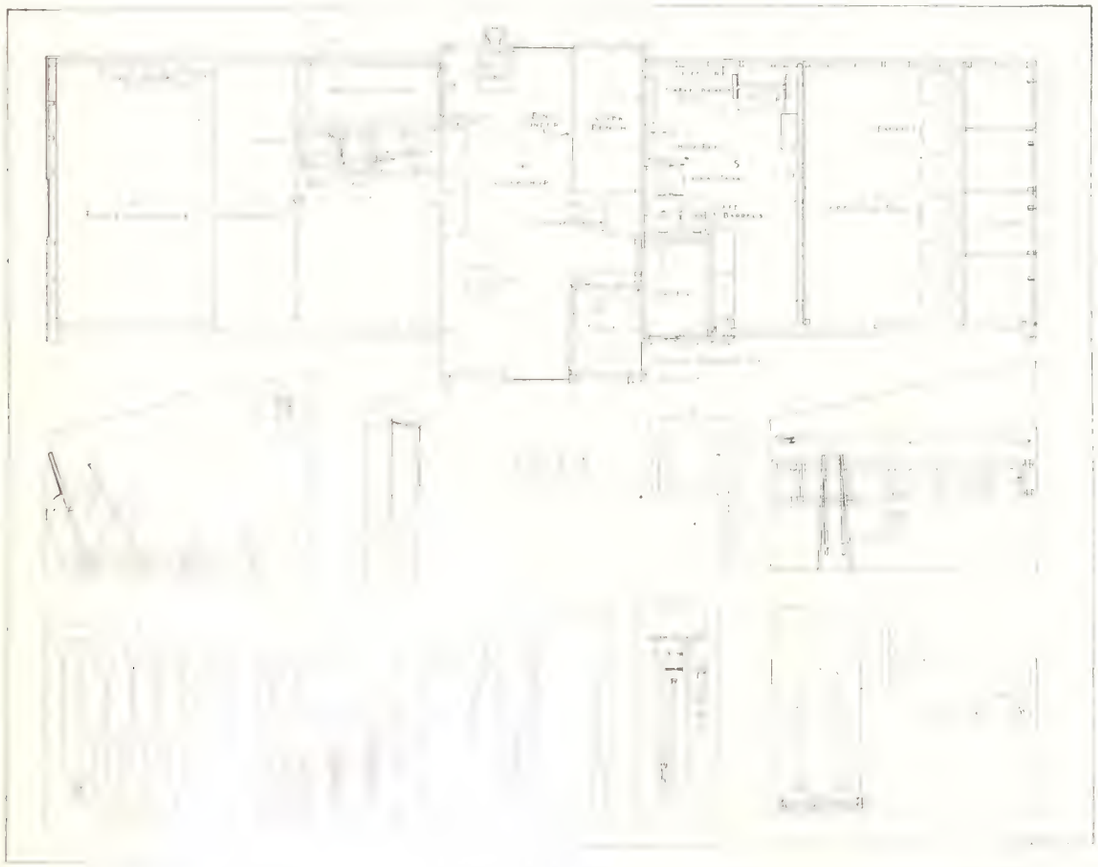
The workshop (Room 4 on the plan) was made as large as was thought necessary for the work that would have to be done there, and is 9 feet by 15 feet with a height of 11 feet 6 inches in front and 8 feet at the back. Working from this room the size of the others was easily determined—space 3 being made large enough to accommodate all of the gardening tools, space 2 just wide enough to allow the wheelbarrows to be run in and out without endangering the hands of the men, and space 1 with space to walk around the lawnmower when filling the oilcups, and cleaning it. The rooms on the other side of the workshop might vary in size so long as their entire length equals that of the first three. The entire building as planned has a total length of 43 feet. The rooms are a little over 12 feet deep, and their height is about 18 inches less than that of the workshop.

Matched-board construction was used, finished on the outside with brown-stained shingles. The doors and trim were painted a dark green. The floor, which, by the way, has a slope of three inches toward the front to insure its remaining dry, was made of cement. A piece of heavy tar-paper was placed under all woodwork coming against the floor so that the dampness of the cement would not rot it away.

The doors to the toolrooms were hung on tracks as an aid to neatness when they were open, and the other two outside doors on the front side were fitted with springs that would keep them shut. Two windows in the workshop, and one in Room 1 provide all of the light that will be required, as no one will be in any of the other rooms when the doors are closed.

Most of the tools hanging on the walls of Room 3 are hung on special racks which can be obtained at large hardware and seed stores. There is a special rack for long-handled tools, one for the hoes, and another for the short-handled shovels and forks.

(*Continued on page* 138)



The approximate dimensions of each room

A side elevation, floor plan, and a detail of the different rooms and shelves to fit your needs



Chaise Longue [illegible] *a modern work, some a reproduction of a maple butterfly table. Top, open, [illegible] inches. Closed, [illegible]. Bench, [illegible]. Chair, $17.*



The small chaise longue at the left is in two sections. It is 42 inches long and only 28 wide. In muslin or covered in an inexpensive chintz, $115.50



Chaise Longue [illegible] *small convenient table to stand beside a chair or sofa is mahogany with a band of inlay around the edge. The top* [illegible] *inches. $18.50*



This small French peasant chair in walnut with a rush seat might be used in a small dining room or breakfast porch. The design of the back is both unusual and graceful, $28.25



(Left) A small, overstuffed chair covered in glazed chintz is $55.50. The maple butterfly table, 20 inches high, measures 31x17 inches open. Closed, 13x17. $24.50. Maple footstool, $5.25. In mahogany, $6.25

[illegible]

SMALL FURNITURE FOR SMALL ROOMS



The articles on these two pages may be purchased through the Home Service Shopping Service, 19 West 44th street, New York City. A slight service charge is added to the prices.

(Above) For a Colonial living room comes a reproduction of a maple table, 20x17 inches, 30 inches high, $50.50. The overstuffed chair has a maple frame. Covered in mohair. In glazed chintz, $105.50



The round two tier table at the left would be an effective note in a library, living room or by a chaise longue in a bedroom. Walnut, with fluted legs. 20 inches in diameter, 24 inches high, $23.25



(Above) Inexpensive Lapanese chairs may be combined with mahogany or walnut pieces in effective groups. They are with Chinese decorations in gold on the top, and a metal tilting top 21 x 13 inches, 19 inches high, $50.50



The arm chair at the right, a reproduction of a Windsor chair, is walnut and is upholstered covered in sateen. $47. Hammered iron lamp, $12.74. Parchment shade with old bird print, $14.74



(Above) This low sturdy table or stool for a man's room or living room furnished with early American pieces is maple. It is 17 inches high, 18 long and 11 wide and has a small drawer in one end, $15.50

The GARDENER'S CALENDAR for FEBRUARY



ARTHUR B. BALFOUR

A distinguished English horticulturist, noted both for his collecting and for his propagating

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1. Plant stakes are necessary evils; we all wish that the plants would not require supporting, but they do, and we must accommodate them. Order stakes now. If you can't do this, cut some in the woods	2. Chrysanthemums for next fall must be propagated now. If the space is available it is good practice to put in a batch of cuttings every four weeks until June to assure a long period of bloom well into the autumn.	3. Have you pruned your fruit trees? They will produce if left in a natural state, but not nearly so well. Good fruit is produced only where intelligent pruning is practiced, so your labor will be well justified and repaid.	4. No one can garden well with dull or poor quality tools. This is the time to do any repairing that may be necessary. All edged tools must be sharpened; kerosene and grease will check the rust on all the metal parts.	5. Have your trees looked over carefully to determine their true condition. It takes a lifetime to grow good trees but they are subject to injuries of many kinds. A little tree surgery at the right time will save them.	6. Better get out the sashes for the hotbed and cold-frame and see that they are in good condition. Broken glass may need replacing, and the wood should be painted to protect it from the weather.	7. Summer flowering bulbs such as cannas, gladioli, dahlias, caladium, etc., should be looked over carefully. Excessive heat or moisture will start them into growth; dampness with a low temperature is apt to cause decay.
8. Deciduous trees and shrubs also require pruning to keep them in good health. Early flowering subjects such as the lilac or spireas are best pruned after they have finished flowering along in the spring. This saves blossoms.	9. Have you studied the merits of a fruit border? No place is complete without one. Raspberries, currants, gooseberries, blackberries, grapes—all these make excellent border plants for the garden.	10. Peabrush, bean poles and tomato stakes are necessities of a productive garden. A few hours spent with an axe in the woods will furnish you with these needed accessories. Gather them before they leaf out.	11. Have you ever given a thought to the comforts of our greatest garden friends the birds? Why not get a few houses where the birds can nest? A bath for the birds will give even more pleasure to you than to them.	12. Have you ordered your supply of seeds? They should be on hand now. An old bread tin makes a good mouse-proof storage for them. Don't let the seeds get damp—a cool, dry place is the ideal storage place until planting time.	13. If you like golf you should have a practice green constructed on your grounds—some screened corner where you can practice when you want to. Sow it with fescue and creeping bent grass in equal quantities.	14. All plants that have been in the same pots for any considerable time, such as palms and other decorative things, should be re-potted before their active growing season starts. Top dressing is the alternative to this.
15. Have you progressed any further than your mind with that rose garden you have been considering all these years? Each year that you postpone establishing it means that you are losing just that much pleasure.	16. Start to prepare your hotbed now. At least 12 inches of good hot manure will be necessary for making it. Tramp this firm and cover it with about 4 inches of good garden soil that has been well screened.	17. Now that the war is over let us think again of greenhouse construction. Greenhouses certainly raise the standard of any grounds, whether they be for fruit or flowers. Early planting means fewer errors.	18. No garden is complete without some well selected and properly arranged garden furniture. In normal gardening pottery is very necessary to the completeness of the scheme. Make your selection and order now.	19. It is much easier to overhaul your lawn mower now in the garage than it will be next summer on the lawn. At least the gear boxes must be cleaned out and repacked with vaseline, and the other bearings oiled.	20. Garden arbors as they are now made are very attractive and necessary accessories of the garden. If you wish to enjoy them this summer they should be ordered now, as well as the roses or other vines for them.	21. Baytrees, hydrangeas, oranges and other plants of this type that are used for decoration outside in the summer should be looked over to see if the tubs will stand up through another season's use. If not, repair now.
22. All dormant trees and shrubs that are subject to the attacks of San Jose scale should be sprayed with one of the soluble oils. Trees that are already infested must have at least two thorough sprayings.	23. Flowering plants of all kinds that are wanted for Easter must be started into active growth. By postponing this and then trying to rush them along the plants are invariably grown too warm and in many cases ruined.	24. Start sowing now in the greenhouse of the hardy vegetables, such as cabbage, cauliflower, lettuce, celery, tomatoes, etc. Use flats or seed pans for greater convenience, and provide plenty of drainage.	25. If you cannot afford a greenhouse there are numerous styles of plant protectors that are helpful to gardening. They should be ordered now, as their greatest value is in the early season. Glass ones are excellent.	26. Before work is started outside you should make an inventory of your tools. Any new ones necessary must be ordered now. Tool designs keep on being improved as well as other things, so look them over.	27. Sprays of all the early flowering spring shrubs can be cut and placed in water in the house where the flowers will quickly develop. Pussy willow, golden bell, Japan quince, etc., can be forced in this way.	28. Stock plants of all kinds of bedding subjects should now be started into active growth so that the necessary quantity of cuttings will be ready for taking when the proper time for them comes in the spring.



SIR DAVID PRAIN

A Director of Kew Gardens, London, and a well known horticultural and botanical authority

When all aloud the wind doth blow,
And coughing drowns the parson's saw,
And birds sit brooding in the snow,
And Marian's nose looks red and raw,
When roasted crabs hiss in the bowl,
Then nightly sings the staring owl,
Tu-whit;
Tu-who, a merry note,
While greasy Joan doth keel the pot

SHAKESPEARE

This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country if for every one-hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

The introduction of new plants into cultivation is the most picturesque part of horticulture. Some of it may be done with seeds, cuttings and trial beds; some of it by exploration. The first way is quiet and safe; the other difficult and dangerous; but both are exciting



FRANK MEYERS

A plant collector for the U. S. Department of Agriculture whose recent death followed many fruitful explorations into the Orient



JOSEPH F. ROCK

A botanist who left not long ago for Tibetan China, where he will collect plant specimens under the auspices of the Arnold Arboretum



AUGUSTINE HENRY

An English botanical collector whose name is borne by one of the loveliest of the Lilies—Lilium henryi



REGINALD FARRE

One of the be known explorer whose plant collec ing has resulted many introductio


Whitman's
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& Confections



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Woven Wood Fence is economical for enclosing large or small areas. Shuts out poachers and gaze of curious. Ideal for screening service yards, garages, etc. Provides background for plants; protects gardens in summer, rhododendrons in winter.

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CHOOSING YOUR DO

ROBERT S. LEMMON

PERHAPS the most important factor influencing the satisfaction of owning a dog is the original choice of a breed. It is not enough to pick out a puppy just because he is "too cute for words", or wags his tail engagingly, or otherwise manifests some particularly winning puppy trait, for these early attractions may pass as he grows to dog's estate. The decision as to his fitness for the place he is to fill in the household should be based on the characteristics which his breed, as a breed, is known to possess. Few people, when they stop to think it over, buy a dog for merely temporary pleasure. What they want is a dog friend that will gain in satisfaction with the years, and this means one of a breed that fits his home as a glove fits its hand.

There is almost as much difference temperamentally between dog breeds as there are differences of color and form. The Bulldog, for example, is a humorous, affectionate clown, the Great Dane a master of dignity, the Scottish Terrier possesses a soul which, Scotch to the core, combine fire, devotion, sadness and merriment in a fascinating and unique blend. To each, from smallest Pomeranian to mightiest St. Bernard, is given an individuality, a personality, which distinguishes it from all the rest. These racial peculiarities should constitute at least fifty percent of the deciding factors in choosing a breed.

It is natural enough that the distinguishing traits should appear with the maximum of certainty in dogs completely free of any admixture of blood from other types. The situation finds a close analogy in human-kind: the truest Chinese, by way of instance, is a pure-blooded Chinese; for the best examples of Irishman, Frenchman or Italian, one naturally turns to native sons in the truest sense. Here, of course, is the best of arguments for a dog of well established ancestry, a dog whose forebears are known to have been typical of their breed. In other words, a thoroughbred rather than just a dog.

"But (I hear someone say) I had a mongrel once that had more bra than all the prize-winners put togeth Why, he was almost human!"

Doubtless—doubtless. No good ru is without its exception, and plenty instances might be cited in proof the old theory regarding the intell gence of the street-dog. The on trouble with the argument is the ind putable fact that the bright, satisfa tory gutter-pup is the exception rath than the rule.

More than this, there is no sure w of telling, when he is a puppy, wh manner of dog the mongrel may gr to be. Even though he should devel physically into about what you had mind, his ultimate character will main largely a matter of guesswor One never knows, in advance, b what some obscure inherited trait savageness, cowardice or what-not w crop up and render him undesirab to put it mildly.

With the thoroughbred pup, on t other hand, you can be practically su what he will be like, inside and o when he grows up. For several gen ations his family has run true to for and in ninety-nine cases out of a hu dred he will do likewise. As far such a desirable condition is possib you know beforehand what you a getting.

It is not necessary to have a p capable of future winnings at t bench shows, to secure this surety standardized character. He need r be of championship stock. What wanted, unless one plans to go into t show game, is just a thoroughly ty cal specimen of the breed in quest He should have a certified, three-g eration pedigree, of course, an eligible for registration in the S Book of the American Kennel Thus will you possess in writ reliable warranty of his puren blood.

Whether the new dog shal male or a female is sometimes zling question whose pros and too seldom understood by th perienced purchaser. All sorts

(*Continued on page* 10



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Some rooms slumber some are awake

By CHANDLER W. IRELAND
(Prominent New York Decorator)

THE flicker of an open fire—the quiet tick of a clock—the soft glow of a shaded lamp—all tend to give the delightful feeling of a lived-in room, which decorators strive to attain.

It is the "living" quality of a room which is quite as important as its beauty and correctness.

To the decorator, this is the virtue of Seth Thomas Clocks. They are a contributing factor in the decorator's scheme and give that intangible thing known as "atmosphere." They have charm—possess a quiet vigor without a trace of the vulgar and add to the personality of the room.

. . .

For rooms of every sort and period there are Seth Thomas Clocks which lend themselves gracefully to the spirit of the place and add an articulate quality of their own. The genius of Seth Thomas designers in adapting motifs from all the finest periods has been perfectly interpreted by century-old Seth Thomas craftsmanship.

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SEVERN — Case of two-tone mahogany. Height 10 inches. Base 7¼ inches. 8-day pendulum movement. With silvered dial, $25.00. With raised bronze numerals, $28.00. Seth Thomas mahogany bracket $4.00.



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SHARON — Adapted from a famous old Seth Thomas model. Mahogany finish, decorated dial. 8-day movement with hour and half-hour strike. 14¼ inches high, 9¼ inch base, $18.00.



SHARON



In this room in a London house, in which hang pictures of Matisse and Derain, the doors and woodwork are decorated in the modernist taste

MODERNIST ENGLISH DECORATION

(*Continued from page 61*)

decoration down to the last detail of a drawing room, to the painting of a bowl, a tile, a screen or a cushion, the designing of a carpet or a chair cover. Among the pictures is a view of a room in the Tavistock Square house of Virginia Woolf, the brilliant author of *Jacob's Room* and *The Voyage Out*. The walls are a cool dove gray; the borders of the panels are tomato red, while the panels themselves are a glossy white. The oval *fonds* are alternately maple yellow and sienna pink, and the subjects are painted directly on to them in umbers, whites and browns, with touches of lettuce green—a very cool, restful, and at the same time lively, scheme. The narrow frieze round the top of the wall is in an amusing wall paper, made simply by an *écriture* of brush strokes in subdued violet on a white and lemon yellow ground.

A wall paper of the same kind was used in a dining room alcove in an other small house, except that in this case the *écriture* is of deep blue and pale gray, spattered with red spots on a white ground. The method sounds odd and rather haphazard, but the result is enchanting, and gives a slightly Chinese effect.

The chimney piece in one of Duncan Grant's rooms is a good example of the transformation of a very ordinary feature into something dignified and beautiful. The ugly cast-iron Victorian grate was removed and an open fireplace made, edged with specially designed tiles. The original marble mantlepiece was allowed to remain, and above it, where the wall juts forward, a bold design of arum lilies and leaves growing out of a large white pot was painted, framed in French gray with a broad band of yellow ochre at each side. The rest of the walls are a pale bluish pink.

RAMIE *and* OTHER FABRICS

(*Continued from page 70*)

the aid of a cotton warp. American prairie grass in small bunches is also manipulated with a cotton warp and makes the ordinary grass porch rug for summer use and often for the winter sun porch. Chinese and Japanese sea grasses are deftly woven into matting without cotton. Nothing of this sort wears better than heavy Chinese matting, all grass, which has never really gone out of use since the first ship brought it here from China. The rush rugs are often braided and sewed together instead of woven.

"Fibre" rugs like fibre furniture are made of paper twisted into a yarn fit for weaving; but when we find paper and wool woven together into a rug under foot we feel that extremes have at last met; that anything and everything under the sun may happily combine and, when run through an American loom, may come forth as an art-textile as varied and as ornate as our modern homes demand.



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And, in an enduring style your motor car investment is best protected.

ASK THE MAN WHO OWNS ONE



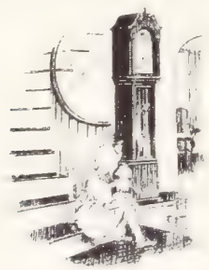
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The stems of the Chinese Bramble (Rubus biflorus quinqueflorus) might have been dipped in a barrel of white-wash

WOODY PLANTS IN WINTE

(*Continued from page* 81)

pointed, in the Common Lilac stout and rounded, in the Horsechestnut broad-ovoid, sticky and glistening, whereas in the related Buckeyes, though the shape is the same the buds are dry and gray. And handsome, indeed, are the glistening, jet-black winterbuds of the curious Japanese *Euptelea polyandra.* In the Yellow-wood and Asiatic Cork-tree the winterbuds are set within the circular scar of the fallen leaf, in others they are seated within a crescent-shaped scar. In the Walnut there are two or three buds set one above another and covered with scales; in the curious Pterocarya the several buds are similarly arranged but strange to say they are naked and quite with the usual covering of scales.

The barks of trees are possesse much character and rare beauty are deserving of greater notice is generally accorded them. Take smooth pure white bark of the C mon Birch, the gray-brown pa bark, torn and bunched, of the R Birch, the smooth firm pale gray of the American White Elm, B Walnut or Red Oak, the gray, fiss corky bark of the Asiatic Cork- the thick flaking bark of the Shag Hickory, or the black bark, fiss into tiny squares, of the Ame Persimmon. Are these not worth

(*Continued on page* 108)



There is much beauty in the barks of trees. There is that in the Shagbark Hickory, as well as a distinctive flaky quality



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"The Aristocrat of French China"



The shining scarlet fruits of the Washington Thorn (Crataegus cordata) persist until April

WOODY PLANTS IN WINTER

(Continued from page 106)

favorable recognition and comment? Surely they cannot be passed by. Neither can the Striped-bark Maples with smooth green bark, plenteously marked with lines of white, nor *Acer griseum*, from the mountains of central China, with loose, shaggy mahogany-red.

Among the lowly Brambles there is much beauty in flower, fruit and autumnal foliage, and in several the winter stems are attractive. Most strikingly so are the pure white stems of *Rubus biflorus* var. *quinqueflorus* and other species which it was my good fortune to introduce into gardens from the back-blocks of China. Then there are certain Cornels of shrubby habit whose barks are crimson or yellow of startling brilliancy, which illumine the winter landscapes, as do the red stems of the common seashore Rose of New England (*Rosa virginiana*).

The Cornels are a diversified group of much garden merit deserving of a special article. At the moment it is those with richly colored stems that demand our attention. The best of them are *Cornus alba* and *C. stolonifera*. The first-named is a wide-spreading shrub producing a thicket of erect to prostrate stems which in the late winter are rich red in color. The other species is called the Red Osier

(Continued on page 110)



The tiger among trees is the striped-bark Maple with its coat of green vividly marked with wide veins of white



When *Vincent Lopez* plays

VINCENT LOPEZ plays the kind of dance music that makes matrons el like sub-debs, and convinces men f all ages that they dance like Valen-no—only better.

Vincent Lopez will play *your* piano -in your living-room—that you, our children and your friends may ance.

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Slip a recording into the shallow rawer below the keyboard. Press a utton. Then pick out a clear space n the floor and dash for it! You an't resist dance music with that nmistakable Vincent Lopez touch.

Whether your mood calls for syncopa-on or symphonies, your Ampico will upply the kind of music you want. The mazing Ampico mechanism within your iano will make it sing under the touch f hundreds of famous artists such as Godowsky, Levitzki, Lhévinne, Rachman-noff, or Rosenthal. The library of Ampico ecordings includes, in addition to the world's greatest dance music, sonatas, nocturnes, operatic selections, serenades and fantasies, simple songs and ballads, hymns and marches.

Only with these fine pianos

The Ampico may be had only in the following pianos, instruments that have been known for generations for pre-eminent quality: Knabe, Chickering, Mason & Hamlin, Marshall & Wendell, Fischer, Haines Bros., Franklin, and in Canada the Willis also. Note that the Knabe, the Chickering, and the Mason & Hamlin—three of the four great pianos in general use on the American concert stage—have now adopted the Ampico.

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Hear the Ampico today

Go today to a store where any of the pianos mentioned are sold and ask to hear a recording by some musician whose playing is familiar to you. Close your eyes and the famous man is there. Every phrase, every shading is unmistakably his.

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From left to right are the winter buds of the Common Walnut, Horse-chestnut, Sycamore Maple, Prickly Ash, Common Birch and Thunberg's Barberry

WOODY PLANTS IN WINTER

(*Continued from page* 108)

Cornel and is likewise a vigorous shrub which suckers freely and spreads from underground stems. The bark is dark purplish red. In marked contrast is the variety *flaviramea* with pale yellow stems. These are rampant growers, apt to smother anything less vigorous than themselves growing near. They are, therefore, best adapted for forming an isolated mass on a lawn and on the bank of a pond where their colored stems are remarkably effective all through the winter.

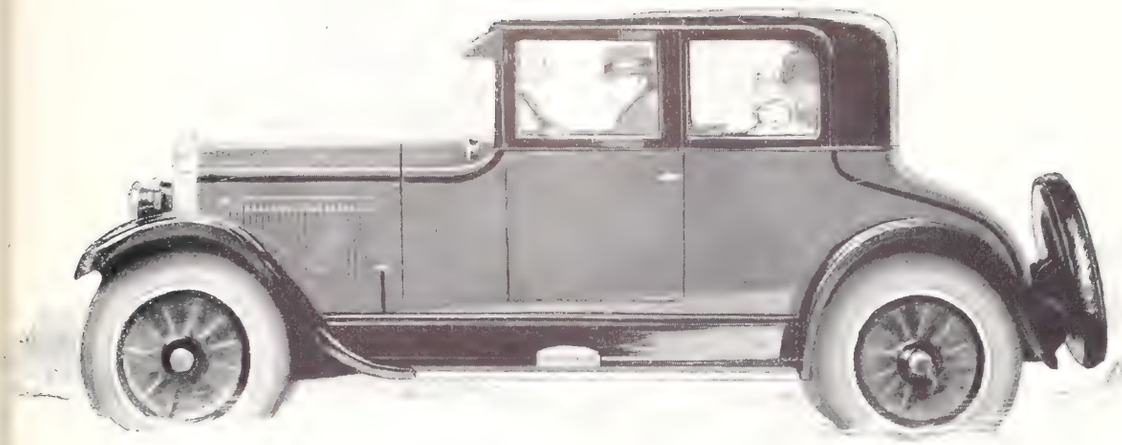
For milder regions than New England there are no more lovely shrubs than the Pyracanthas. California and the South are the places for these. Several sorts are now in cultivation, all agree in having dark green foliage persistent through the winter, broad flat heads of white flowers followed by fruits of varying shades of red to orange. They may be grown as bushes on the lawn, in the shrubbery, against a wall or the side of the house where they form a study in red and dark green throughout the winter. Birds are very partial to the fruits and in Europe it is common practice to net the plants. The best known species is *P. coccinea*, the Buisson Ardent of the French Riviera, and its variety *lalandei*; and well do they deserve the name of Fire Bush. China has recently given us other species in *P. crenulata*, and its var. *rogersii*, *P. gibbsii* and *P. angustifolia*. All are excellent plants but my own favorite is *P. koidzumii* which grows in the stoney river-beds of eastern Formosa from whence I introduced it into America in 1918. This has larger fruits, if possible more abundantly produced than in other species.

Where the English Holly can be grown there is no more beautiful bush or tree, with its lustrous foliage among which nestles a clustered wealth of scarlet berries. Small wonder that its charms have captured the hearts of our race and that poets ancient and modern have sung its praises. There are a multitude of named varieties and forms but none is better than the typical species *Ilex aquifolium*. Of about equal hardiness is the oriental *I. cornuta*, the Horned Holly. This is a bush or small tree with clustered red fruits, glossy green leaves more or less rectangular in shape suggestive of a flying bat with four large spines at

(*Continued on page* 114)



The loveliness of the American Andromeda laughs bravely through even New England winters



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Two doors, so that lively children can safely be corralled behind the front seats. The cozy body is by Fisher, built to Buick's high standards of closed car comfort and luxury. It has the new Fisher VV one-piece ventilating windshield held tightly in felt channels to keep draughts away from the youngsters.

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As a happy example of Buick closed car skill, as a handy, comfortable aid to comfortable living, this Buick Coupe for Four is just the car to thrill with pride the heart of any woman.

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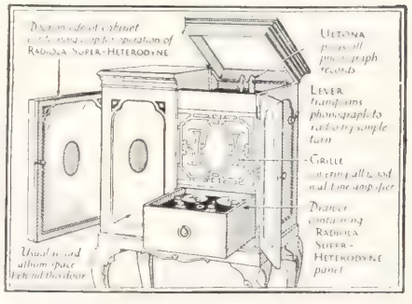
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TO those interested in the preservation of the home's decorative motif, as well as in radio, the Brunswick Radiola comes as something more than merely the instrument internationally acclaimed as embodying Radio's Greatest Achievements.

Combined in joint effort by the leader in Radio, the Radio Corporation of America, with Brunswick, leader in phonographic reproduction, it comes, next to Aladdin's magic lamp, as altogether the most thrilling of musical adventures—*and beautifully presented*!

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The Brunswick Radiola Super-Heterodyne

—some remarkable features:

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At a turn of the lever it is the most re markable of all radios. At another turn it is the supreme in a phonograph t play one's favorite records when th fancy calls for them.

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The antelope springing from behind a fern cluster gives an archaic touch to the fabric that is in contrast with the freshness of modern color in which the design is printed.

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WOODY PLANTS IN WINTE

(Continued from page 110)

the corners representing the outstretched wings; there is also a terminal spine usually decurved and frequently one or two pairs of smaller spines at the sides. Not always are the leaves as here described for their shape is variable, but the plant is ever attractive and handsome. The American *I. opaca* also has red fruits but the foliage is dull green. However, it has the merit of being much hardier than the other two species mentioned. Alas! none of these Hollies can be grown in northern New England where as substitutes we prize the native *Ilex verticillata* and *I. laevigata*. These lose their leaves in the fall but their erect rigid shoots are blazoned with bright-red fruits through the depths of winter.

A worthy companion is *I. serrata* with smaller red fruits, abundantly produced, which is a great favorite for indoor decoration in Japan, its native country.

THE SEA-BUCKTHORN

A handsome shrub or small tree which carries a wealth of orange-red berries from October to March is the Sea-Buckthorn (*Hippophaë rhamnoides*). As its common name suggests this plant does well by the seashore but it thrives equally well inland. This is a densely branched spiney bush or small tree sometimes 30 feet and more tall with narrow silvery leaves which fall in the autumn. The branchlets are densely crowded with brightly colored fruits and few shrubs are so attractive for such a long period of the winter. The berries are filled with an intensely acid, yellowish juice repugnant to birds who even when pressed by hunger will not eat these fruits. It should be remembered that this plant bears male and female flowers on different individuals and both are necessary for a display of fruits. Nurserymen ought to graft a branch of the male plant on the female, their customers would then be sure of a crop of berries even if they had but one plant.

Of broadleaf evergreen trees none can be grown in New England and the shrubs of this class are very limited in number. The native Holly (*Ilex opaca*) survives in sheltered spots; the Ink-berry (*Ilex glabra*) is cheerful enough through all but the most exceptionally severe winters. The Andromeda (*Pieris floribunda*) with flower clusters standing above its green leaves all ready to open in the sprin laughs at New England winters. Th evergreen Rhododendrons hang dow their leaves and curl them lateral as if distressingly anxious to prote their vitality to the utmost. In mark contrast is the Mountain Laurel (*Ka mia latifolia*) holding its leaves ou spread as in summertime, and gloryi in the fact that it is New England best and worthiest broadleaf evergree

AN EFFECTIVE GROUPING

A winter landscape of which never tire has for its dominant note large clump of American Beech ne some Arbor-vitae and a hundr yards or so above a Hemlock grov The parent Beech-tree is dead b from its far-spreading roots scor of saplings have sprung up ar formed a thicket. Right and left a Conifers and beyond in the distance steep slope where grow Oaks on t skyline of which are three old Whi Pine trees. In this setting the clun of Beech with its pale gray bark ar a myriad of slender, spreadi branches suggests from a distance billowy cloud of morning mists.

The grandeur of the Conifers, i pressive at all seasons, is especially in winter with dark masses of folia and trunks standing sentinel-like abo the carpet of snow. The Pines, t Firs and the Hemlocks take on deeper, richer hue in winter, the gre is darker, the gray-color brighter, ar the contrast greater. The wind as blows through the branches may sin a glee or moan a dirge but it warmer in the shelter of these restf evergreen trees. Viewed from ne or far Conifers in winter present o of the finest pictures. Black, gre or gray pyramids and columns rear against the sky above the snow-cover ground—a scene at once restful an inspiring. A proctective yellow-brov pigment masks the green of the Arb vitae during the winter detracti from their beauty but not so the pur pigment developed in the lovely *Ju perus horizontalis*, finest of all t low-growing Savins.

Be the winter days never so fros and the snow no matter how ma feet deep our garden landscapes a rich in changeful beauty, reflecting t play of light and shade. Eyes an hearts attuned to nature can best a preciate these winter scenes, yet no but blind souls can be altogether indi ferent toward their charm.

DISGUISING A COLLECTIO

(Continued from page 88)

taste; but cannot this be equally true in the matter of beautiful and interesting things misplaced? It seems to me that the fine taste which selects and assembles true objects of art ought to exert itself to fit them properly into the decoration of a home, if the home is to house them. I have hinted that disguising a collection is usually the thing to do when it is placed in a house having no gallery or room to be devoted to the collection as a collection. That an ardent collector ought not to make his collection, (no matter how interesting it may be to himself), a nuisance to his family, is equal true. On the other hand, the fam owes some debt of deference to t collector; it must all be a matter adjustment. The family must try realize that something is to be learn from the collecting member. Wh once things *are* learned from him; t matter of housing the collection c be more harmoniously worked out family councils. The family should but seldom does—realize with Bal that when you have a hobby you h transferred pleasure to the plane ideas.



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LOW-GROWING ROSE

(*Continued from page 87*)

not of German origin, is *Evelyn Thornton*, slightly stronger in habit, with somewhat smaller flowers that open into apricot and copper tints, soon fading to light pink. This relatively new variety is "a good doer," as the florist puts it, and a real advance.

Aennchen Muller, *Marie Pavic* and *Jessie* are Polyantha varieties of rather more than average vigor in growth, covering themselves with flowers and getting quite out of the characteristic Crimson Rambler sort of flower. They give us shades from delicate flesh to bright crimson.

Very excellent pure white varieties of the Polyantha Rose have been produced. *Katharina Zeimet* long held first place, but *Yvonne Rabier* does better and is more beautiful, and my impression at this moment is that *Mrs. William G. Köning* is better than either. There are many lovely pink varieties in addition to the already mentioned *Marie Pavic* and *Aennchen Muller*. I find much satisfaction in *Maman Turbat*, in *Andree Lenoble*, and in *Mrs. W. H. Cutbush*. *Echo* is a baby *Tausendschön*, and with all the delightful qualities of that wonderful thornless climbing rose.

POTTED POLYANTHAS

Recently the adaptability of some of these roses to treatment by the florist for the making of lovely objects to be grown in pots has brought much attention to the group. One beautiful variety is *Chatillon*, a rather lively light crimson with large flowers and an extremely satisfactory blooming habit. Another is a deeper shade, in *Joseph Guy*, which has been most improperly sent out in America as *Lafayette*, because a short-sighted introducer on this side the water believed the name attached by the originator would lead to laughter. The rose is all right by whatever name it is purchased, but it ought to carry its real name.

A rich bright scarlet seemed to be coming to us in *Miss Edith Cavell*, and it does warrant that description when it blooms, but it does not bloom often enough. *Ideal* is its successor, and its flowers are bright, beautiful and persistent. It is probably the very best of its color, and among the best half-dozen of the class. One regrets that the deeper scarlet *Eblouissant* is not a better grower, because its flowers are charming in their rich and intense color. Perhaps some one of us will learn how to handle this Rose, which will do business under nine inches in height and give at least one most pleasing blooming time.

There has been an attempt to get yellow into this class, and of those presumed to be yellow, *George Elger* is probably the best. It is yellow in bud and when it opens, but soon fades white in the American climate, an true yellow Polyantha is yet to co

But I ought to be answering question of the title rather than cussing varieties. I do answer it saying that the Polyanthas are tremely desirable, either to mass, ferably in agreeably arranged c combinations, or to use as borders beds, especially of the leggy and g Hybrid Perpetuals. If I were d Breeze Hill garden over again would use freely the Polyantha-Ru combination which bears the a name of *F. J. Grootendorst*, as first means of mitigating the leaf ness of the long H. P. stems, a would put in front of this white scarlet Polyanthas selected from sorts above mentioned.

Then, too, there is a way to these Roses in the shrubbery. variety I have not heretofore tioned, *La Marne*, is a favorite of indefatigable Rose grower, Dr. of Denver, and to his persistence I the possession of a dozen of it. I blooms like the best of the semi-d Japanese cherries, or like an occas rare apple blossom which has particularly favored when the kissed it. It blooms persistently, tinually and all the time, even two-inch pot, and will border p ings of light blue Delphiniums o other blue flower, or of pink s that do not get into magenta.

CARING FOR POLYANTHAS

The treatment of the Poly Roses is mostly a let-alone treat They can be planted a little than the average Hybrid Tea they need but little pruning, bei fact, better off when merely symmetrical and with an occa thinning out of old wood. If to take advantage of the dispo to bloom continually, dead fl must be cut out, but the Poly will give some floral display under neglect.

I do not think the last wor been said with Polyantha Roses. eties which Quarantine 37 has no able to keep out, including *Chatillon* and *Joseph Guy*, an other candidate, *Mme. Anthon* show notable advance, and I b we are sure to have entry int Polyanthas of the Pernetiana ty that we can expect these dwarf, handled and clean-looking little bushes to give us the copper hi which most Rose lovers seem p larly fond.

As to hardiness we can on that the Polyanthas have be above noted, a little more hard the average Hybrid Tea. No Harrisburg I presume they ma protection, but they are worth



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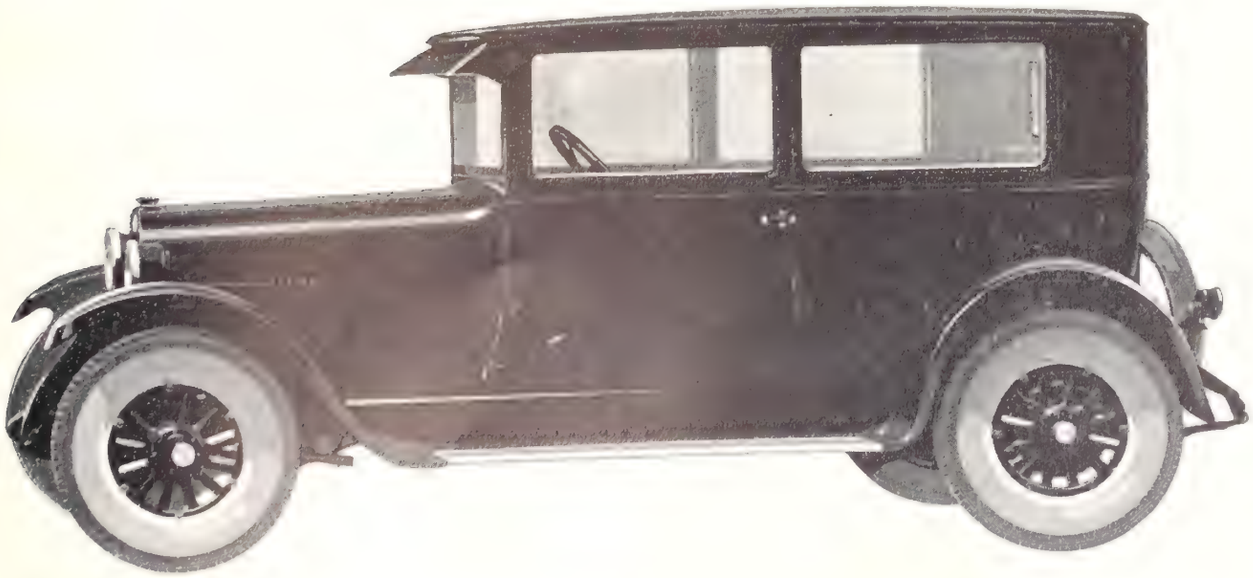
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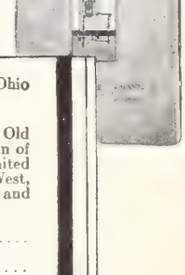
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FURNITURE OF COLONIAL MEXI(

(*Continued from page 71*)

papers and then pasted upon a common ground. Another class of wall-hanging was made out of canvas, painted with flowers, fruits or other designs on a gold or silver ground, in coarse imitation of Cordovan leather. Rooms of less importance were generally size-painted and had a simple dado of glazed tiles, in the classic Spanish manner.

Ceilings were made of cedar beams supported by carved brackets, both of which were sometimes painted white and edged with carmine and gold. Paneled ceilings were scarce. In the latter part if the 18th century, painted canvas *plafonds* with mythological or fantastic subjects depicted were introduced.

Floors were made of non-lustrous bricks, alternating with glazed tiles; they were hardly ever covered with carpets, which were extremely rare and costly, for they had to be imported.

Chief pieces of Colonial furniture were ample chests, beautifully carved in oak or cedar, and leather trunks with iron fittings. "The large sized chest," say Byrne and Stapley, "called in Spain an *arcón*, served also as a seat and, when covered with a straw mattress, as a bed; and was so solidly constructed and reinforced with iron strips, as to be practically indestructible. . . . Spanish chests of a small, portable size were frequently covered with hide or parchment which was painted red, or sometimes the covering was left its natural colour and the iron straps painted vermillion. Later, in addition to these necessary iron straps and clamps, were added iron rosettes, plaques, numerous hinges and double locks, all beautifully wrought. The smallest chests, for guarding jewels, missals and other little objects, were called *arquetas* and were sometimes made entirely of iron as elaborately chiseled as was the small ivory box of the Moors." The designs on such *arquetas* in Mexico betray, as often as not, their Aztec origin.

Strong iron coffers took the place of our modern safes. They used to be riveted all over, and a most complicated lock, extending to the whole of the inner side of the lid, would be full of bells and knives in an intricate mechanism that prevented all, save the owner, who knew the combinations of his strong box, from laying hands on the golden contents. But it is doubtful whether such coffers were made in Mexico, being very probably brought from Spain.

Other furniture most frequently used were: tables with elaborately carved legs; sofas and chairs with high backs of open wood-work; arm-chairs intricately carved, some being of quadrangular form and called *sillones fraileros*, Friars' chairs, with back and seats of hide, silk stuff, velvet or *guadamecil* (stamped leather from Córdova); chests, desks and cabinets; footstools, tables, frames and so on, inlaid with ivory, ebony, mother-of-pearl, tortoise-shell, bronze or silver. A certain Miguel Gonzañez, towards the end of the 17th century, painted some curious pictures, inlaying them at the same time with pieces of mother-of-pearl, which produced a br and extraordinarily fantastic eff

The Reception Room

Another important room in a onial residence was that of *el e* a low daïs, on which the pri chairs were placed for the rec of visitors of high rank. It wa rounded on three of its sides balustrade, or a sort of screen, *rodastrado*, which served to in the importance of the spot.

Besides ordinary "four-po wooden beds, called *de cabecera* generally used. They were nea ways painted in strong colors, green, black, yellow or blue, much gilding and very often lished with landscapes.

In Mexico, as in Spain, th *gueño*, (a cabinet generally of nut) was a favorite article. piece of furniture was so plen and so well made in the little of Vargas near Toledo that it re the name of vargueño. There doubt that its making must have employment to many Moorish still in Spain who carried out own schemes of decoration, whi counts for the continual O character of much of the applied work. In shape the vargueño oblong box whose front let do hinges, disclosing the drawers It was mounted generally on a from which two massive st pulled out to hold the front w down, thus forming a sort of tary. It became one of the most lar and distinctive bits of furniture, and was the *raison d'* various beautiful locks, lozenge plaques, and interesting angle The filagree lozenge-shaped orn were generally gilded and back red velvet. The sides of the va were plainer than the front, th dles, often of beautiful design the only note aside from small bracings". (Byrne and Stapley

Religious Decorations

A great part of the furnit Colonial Mexico came from but most of it was undoubtedl in the new country. At the the 17th and first half of th century, the Baroque and Chu resque architecture then in vog great influence over such fur the exuberance of heavy ornam destroying the harmony and reg of the general effect. To this belong a special design of de mirrors, called *cornucopia*, fro being supposed to resemble ho abundance. During the latter c owing to the influence of the bons, who succeeded to the throne, old sobriety gradually way to French elegance, and fu began to be imported into from Paris and even from Lon especially clocks. At the begin the 19th century, which saw the Spanish rule in Mexico, nu pieces of Empire furniture w use throughout the country.

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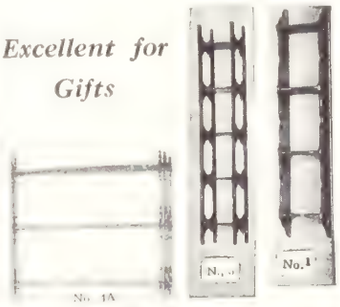
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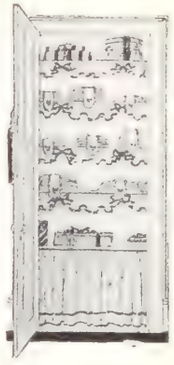
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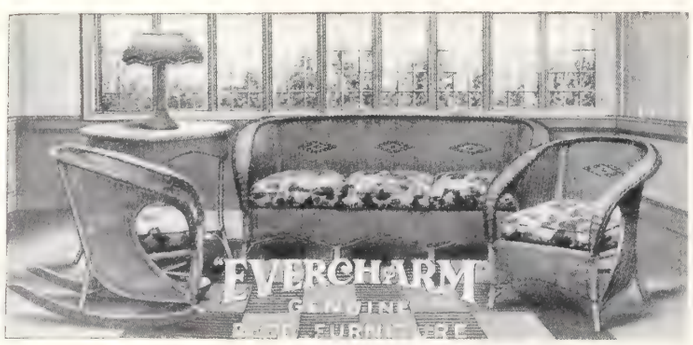
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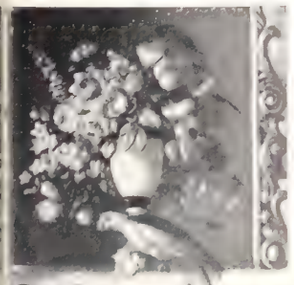
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to have Beautiful Waxed Floors

"HOW do you keep your kitchen so spick and span? It always looks as though you'd just laid new linoleum."

"Why, this linoleum has been down six years. But the man who laid it waxed it for me with Johnson's Liquid Wax and he told me if I'd *keep* it waxed that it would stay like new. And wear years longer.

"No, it isn't any trouble at all since I bought one of those Johnson Floor Polishing Outfits. Every couple weeks I spread on a thin coat of Johnson's Liquid Wax with the Wax Mop. It only takes a few minutes—I don't touch my hands to the wax or the floor—I don't even stoop down! Just pour a little Liquid Wax onto the Mop and a few easy strokes give the floor a thin, even coating.

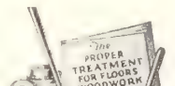
"Then I polish the wax with the Weighted Brush. In a few minutes my floor is beautifully polished—and it's no more trouble than running a carpet sweeper.

"Why yes, I wash my *kitchen* linoleum, of course. But it doesn't seem to need washing nearly as often. And then it's so easy—more like washing off a piece of glass than a floor.

"But I *never* wash the inlaid linoleum in my other rooms. I polish it a couple of times a year with Johnson's Liquid Wax and that gives such a hard, dry polish that dust stays right on the surface. I re-wax the doorways and traffic spots when they start to show wear—but that only takes a few minutes.

"All the wood floors in my house are waxed too. In fact, I couldn't keep house without Johnson's Liquid Wax! I use it to polish my furniture and woodwork—to clean white enamel—and on the car!"

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Your dealer is authorized to offer you this $6.65 outfit for only $5.00. It consists of:

1 Qt. Johnson's Liquid Wax $1.40
1 Johnson's Wax Mop . . . 1.50
1 Johnson's Weighted Brush 3.50
1 Johnson's Home Beautifying Book 25
$6.65



Stores displaying this sign can furnish the Johnson Floor Polishing Outfit. They also carry a full line of Johnson's Artistic Wood Finishes.

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S. C. JOHNSON & SON - Dept. H G-2 - RACINE, WISCONSIN
"The Wood Finishing Authorities" (Canadian Factory: Brantford)

TEN POPULAR PERENNIAL

(Continued from page 74)

HARDY POPPIES (*Papaver orientalis.*) Setting in August or early September divisions of roots is better than putting in potted plants either in the fall or in the spring. Plan to let them be covered late in the summer by a spreading plant like Baby's Breath (Gypsophila), for they generally die down completely after they have flowered, to rest for several weeks. It is best to buy named varieties, for plants raised from seed nearly all have the not pleasing color of the original type.

HARDY LARKSPUR (*Delphinium.*) Plant in the fall or in the spring, in soil rich but containing no manure other than some that is very old and thoroughly incorporated with the soil. Bonemeal, wood ashes and soot all are good to use. Cut off the first stalks that have borne blooms, in order that a second crop may spring up. They are easily grown from seed sown early in the summer or in August, under a lath shade. If the seed is not fresh it should be soaked in water for several hours. Against blackspot pour around the base of the plant occasionally a weak solution of lump lime and tobacco dust made with boiling water, but applied cold, of course.

PERENNIAL PHLOX (*Phlox paniculata.*) Plant, in spring or fall, in rich soil, with old manure worked in, young plants from cuttings or divisions. Keep well watered. To make them bloom late and with more branching pinch off the top of stem before the flower buds f Against mildew sprinkle with w and dust on fine sulphur, or, be spray with sulphide of potassiun ounce to 2 gallons of water.

HARDY CHRYSANTHEMUMS. plants of named varieties that are e and hardy to set into well dra soil in late April or in May, in sunshine, but preferably in a sheltered from the cold west and n winds of autumn and winter. P off the ends of all stems in June. vide and replant, with some fresh every year or two, in late April early May; but the old-fashi kinds do not need such frequent sion. Late in June pinch them to within six or seven inches of ground. In July spray with an o of sulphide of potassium in a ga of water. Against Black and G Fly spray with a nicotine solution

HARDY ANEMONES (*Anemone onica.*) Plant only in the spring deep, moist, mellow loam, not in s soil, in a place protected from afternoon sun. Protect from freezing.

For summer blooms, in odd p in the garden, and for cutting, Gladioli. In the shrub or perer border they may be placed in s circular clumps of five or six with a stake for support in the cer but deeper planting would ob the need of staking.

HOME-MADE ELECTRICIT

(Continued from page 94)

costs, for everyone has a different way with machinery. It has been computed by some users of these plants that lighting costs less than one-quarter as much with them as with oil lamps. It often takes less kerosene for fuel for these plants than it takes to replenish lamps with oil.

Some of these plants are so simple that there is no carburetor, no belts, no cranking, no water to carry, and only one place to lubricate. You will find that many people know not of the existence of these plants—even electrically trained folk—so don't give up the ship in your cruise for comfort.

Most of the machines work on gasoline or kerosine, which makes the electricity inexpensive. In the best there is no cranking—a button or lever to press and that is all.

There is another type of electric plant that does not use the storage battery system. This has a starting battery of 24 volts only and the rest of the machine does the job. This type of machine is beautifully made and fills the need of the home delightfully. There is an automatic switch for starting the engine and standard lamps and devices can be used with comfort. With this type of machine, the engine must be in use continually as there is no way of storing electricity while the engine is resting.

All these machines, with and out storage batteries, have effi governors, which provide easy tr tion from light to heavy and fi heavy to light loads. Appliances for 110 volts can be used in cor tion with these machines.

All you have to do is push a l or press a button and your ele power house starts to function. button is usually in the control p near the machine. The power the storage battery starts your en just as does the battery in your car engine, when you push the st with your foot.

So your electricity becomes as ple to use as drawing up water fr storage tank. If you take from battery, you have to re-charg Then when the battery is charged, you can use the electr output of both battery and gene and thus have more electricity you would have on either batter generator alone.

On the battery there is usually vice which indicates the charg that guess work is again elimi and with it the strain of uncert

Suffice to say that the generator all parts should be well fashioned made by a firm of great inte Never buy a lighting and power until you know the forbears an cestral beginnings of that plant.



Is Your Home Ready – for the Important Hour?

NOT alone in high financial and diplomatic circles does home ıtertaining play a vital part in a man's –a woman's—success.

Almost any prosperous business man ·ill confess that his home has ranked :cond only to his office in the happy ıtcome of many an important deal.

Here, under the spell of refinement and ıse, men relax and become more inti·ıate, more responsive, more patient to sten, more open to conviction—in a ·ord, more approachable.

When your husband telephones home ıat he is bringing an important client r business acquaintance to dinner, he simply employing one of the oldest, ·isest, and most effective conventions f salesmanship.

And lucky is he whose home has been urnished with these important occa·ions in mind; who has no apologies) make—or think—when his uest is ushered in.

We talk much of successful hus·ands, but successful husbands are usually men with successful wives, and it is on these important occasions that a man realizes whether or not he is receiving thoughtful, artistic cooper·ation at home.

For there are few progressive men who will refuse to spend a reasonable amount of money for good furniture, if the suggestion is presented to them in the right light.

It is the transient, frivolous expendi·tures that irritate the lords of creation.

They can be brought quickly to see that good furniture is an investment yielding high dividends for many years. That it means as much to the husband in business as the wife socially.

That it reflects prosperity and good breeding as nothing else can. That it promotes congenial home life.

And good furniture is not expensive. Berkey & Gay have been building good furniture for 60 years. Their name is a hall mark of quality wherever quality is recognized. Their corps of expert designers, their craftsmen, their woods and materials are carefully selected to meet unusually high standards. They build each piece to last for generations.

And yet *anyone* with an average income can afford to furnish his home with Berkey & Gay pieces. Ranging in price from $275 to $6000, there is a Berkey & Gay suite for every need—almost for every purse.

Take an hour or so some afternoon and visit your nearest Berkey & Gay dealer. The beauty, variety and wide price range of the aristo·cratic Berkey & Gay line will prove a delight and a revelation.

IT IS THE CUSTOMERS PROTECTION WHEN BUYING AND HIS PRIDE EVER AFTER

BERKEY & GAY

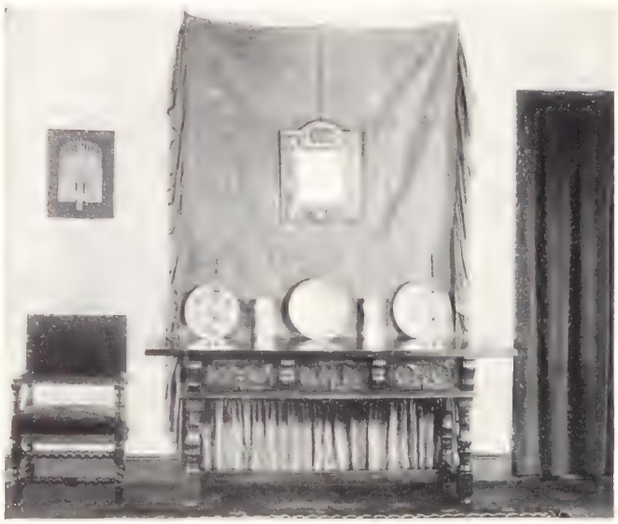
GRAND RAPIDS

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KENSINGTON FURNITURE

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39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK
FEBRUARY 1, 1924



A Wall in the Showroom
Early Spanish Walnut Table, by Kensington

THE growing interest in the furniture and decorative art of Old Spain is a natural result of the trend in America toward simplicity and freedom in home surroundings. We are coming to share the Spaniard's appreciation of the restfulness of plain wall surfaces and their value as background for fabrics and furniture.

Early Spanish furniture (Mudejar), the work of Moorish craftsmen, is a fascinating blending of the richness of Renaissance Italy with the simplicity of the Arab. The frank directness of its construction and ornament gives it an extraordinary vitality and a decorative quality that is brilliant yet essentially simple in character.

Fidelity in design and the old-time hand processes of the Kensington craftsmen retain in Kensington reproductions the character and the decorative quality that are the charm of the antique.

Kensington Furniture is made in all the decorative styles appropriate for American homes.

The pieces of Kensington Furniture may be arranged through your decorator or furniture dealer

Write for "Illustrated booklet H and pamphlet, "How Kensington Furniture May Be Purchased"

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MANUFACTURERS AND IMPORTERS
DECORATIVE FURNITURE ~ ART OBJECTS
NEW YORK

SHOWROOMS, 41 WEST 45th STREET, 6th FLOOR



The large panel of Chinese wall paper in the attractive living room above makes an interesting background for the fine collection of French furniture. From Nancy McClelland

BACKGROUNDS FOR FURNITURE

(*Continued from page 59*)

equal the dignity of a room paneled in dark wood, mellowed and enriched by time, but as interiors of this character are beyond the means of the average householder, a dignified background for this type of furniture may be achieved with sand-finish plaster walls tinted a neutral shade such as cream, gray or light tan. Or if the upholstery is in strong colors and needs a dark background to tone it down, an oak paneled wall may be simulated by means of strips of moulding on plaster, the whole painted a rich dark brown and glazed to give a look of age. Paper is also suitable as a background for English furniture of a little later date, the William & Mary and Queen Anne styles. In this case, the designs are bolder, more colorfu than the papers of the 18th Century in keeping with the sturdiness an strength of the furniture.

For Italian and Spanish furnitur much the same rule holds. A bark ground of plaster walls tinted a ric cream tone not only affords a nic contrast to the dark wood of the fur niture but permits one to use richly coloured hangings and upholstery. A the majority of furniture of this typ is large in scale it requires a fairly good-sized room to do it justice. Thi means an expanse of wall space which unless decorated or covered with hang ings of some description, is apt to giv a bleak, cold appearance. A charm

(*Continued on page 126*)



A long narrow hall in a city house has been made unusually interesting by a decorative Chinese paper in cream and crimson, a pleasing background for the delicate walnut furniture

CHOCOLATES AND BONBONS



Louis Sherry

300 PARK AVENUE
FIFTH AVENUE AT 58TH STREET
AND IN
THE WALDORF-ASTORIA

FRENCH
Hand Made Furniture

THE surprising thing about French Furniture is its moderate price for such fine quality, true art character and authentic design. It endures for generations, increasing in beauty and charm with the years.

Good dealers carry "French" Furniture and you will always find their stores a source of home-furnishing inspiration. If your dealer does not handle it, write us and we will see that you are served satisfactorily.

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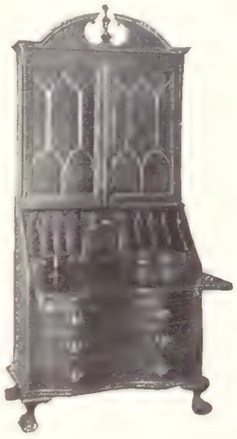
The Louis XVI side table, a beautiful reproduction of a 17th century Italian table, is of solid walnut, mellowed and antiqued. Elegant in its strength and dignity of line, this hand-made table retains all the charm of the antique. The carvings on both sides are done in the spirit of the original.



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Fine Furniture

Perhaps you have searched in vain for some odd chair, or refectory table, a high-boy or a sturdy English cabinet—priced modestly but distinctively designed. Perhaps you have been disappointed at special "sales." Then come to McGibbon—and like a host of others you will be surprised at the extensive selection, the unique design and above all the decidedly moderate prices of this fine furniture.



During January, McGibbon is showing a group of special values which offer an opportunity for splendid savings.

Take this opportunity to purchase a Chaise Longue for the boudoir, a Secretary or deep cushioned Tuxedo arm chair for the living room. They are priced very attractively for the economical purse!

[illegible] Secretary is of [illegible] mahogany, 38 inches wide.
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NEAR FIFTH AVENUE

HOUSEHOLD LINEN | INTERIOR DECORATIONS | LACE CURTAINS



In the living room above a dark paneled wall makes a rich background for the English furniture and chintz. Mott B. Schmidt, architect

BACKGROUNDS FOR FURNITURE

(Continued from page 124)

ing solution of this problem is the dining room shown on page 58. Here the walls are covered with painted landscape scenes, in soft greens with an occasional note of red. As only one set of sheer glass curtains is used, these walls give the room its character and color as well as providing a rich and dignified background for the furniture.

Study your furniture well before selecting the background. If it is a set of Directoire chairs you wish to play up, choose a paper with a delicate, classic design. Perhaps it is a beautiful old lacquer secretary that you would like to build the room around. Give it a fitting background of paneled walls painted a tone to set off the color of the lacquer. If you have an unfortunate collection of chairs use a dominant wall paper to distract attention from the ugly lines of the furniture, but if your pieces are mainly of the upholstered variety and covered in an assortment of stuffs, let the background be neutral so as not to clash with the varied upholstery.

A SHELF OF HOUSE & GARDEN BOOKS

(Continued from page 84)

in England, imitations of Indian cottons and Utrecht velvets. Demand for wall papers stimulated the inventive genius of manufacturers; the mechanical processes of making them were improved. The designs employed fluctuated with the changing of the periods until they reached that high state of the landscape paper in which interest today is being revived. Although the great modern printing presses turn out wall paper by the mile, it is to the work of the old wood blocks that we turn for the sincere and free expression of the wall paper art. The printing machine came in about 1840, and by 1867 it had ousted the hand-blocked paper. History stopped at the presses. It is of the age previous to 1840 that Miss McClelland writes.

Each of the steps in this romantic history Miss McClelland follows in successive chapters—the *dominotiers* and the earliest block-printed papers of France; the early block-stamped papers of England and the 18th Century paper-stainers; the period of papers that imitated tapestries and woven stuffs; the period of papers that imitated printed fabrics; the Chinese papers and their imitators in England and France; the papers in England and France that imitated painted panels; the epoc or scenic papers; the painted scenic papers; the early American wall papers, a chapter in wall paper history of which we can be justly proud; and then a survey of some famous scenic papers and their owners. In the final chapters are found a translation of Dupour's booklet on the Captain Cook wall paper; a tabulated survey of the wall paper designers, manufacturers and dealers from 1500 to 1840; a list of the wall papers issued by some of the French fabricants of the 18th and 19th Centuries; and finally a comprehensive bibliography and index.

The illustrations of "Historic Wall Papers" include twelve plates in color and 245 illustrations in half-tone, making it, together with its excellent format and printing, a gorgeous example of the art of book making.

It is also heartening to find among our decorators one who is capable of so scholarly and comprehensive a piece of writing. Miss McClelland has done a great work for her subject; she has also elevated her profession.

(Continued on page 130)

A tribute by the Metropolitan Museum to Early American Furniture

Danersk Furniture has long been built on the finest traditions of this period



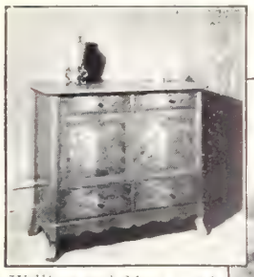
New Early American Wing, Metropolitan Museum of Art

DURING the past thirty years there has been a steady growth in appreciation of the friendly forms of our own American furniture, culminating in the recent gift to the Metropolitan Museum of an entire wing devoted to Early American interiors. To study the furniture contained in these rooms is to study the designs from which Danersk Furniture has been built from the inception of our enterprise.

Our own showrooms are the only place where Danersk Furniture can be seen. You may purchase through your dealer or decorator, or direct from us but it is important to see the furniture itself. Decorators and their clients are always welcome.



Authentic Queen Anne armchair



William and Mary watch



Duncan Phyfe table and American Hepplewhite armchairs



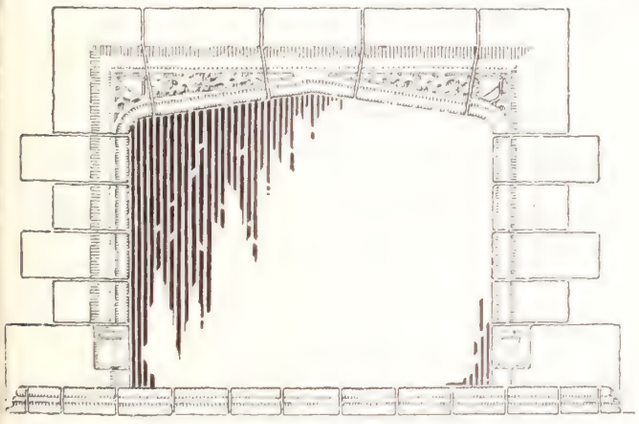
Duncan Phyfe table and American Hepplewhite armchairs

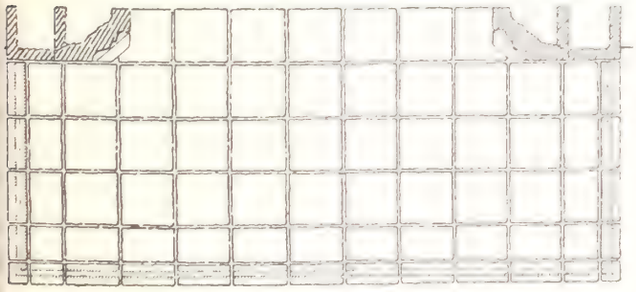
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If hinges were as large as the work they do

Then you would select your hinges and build your home around them. Many things measure larger in beauty and service than in size. In this group are McKinney Hinges.

They are the beauty spots in your home. They are the silent little workers that make doors operate smoothly and faithfully. They are first to serve you in your home and last to wear out. Buy McKinney Hinges to make a lasting investment in comfort, at small cost.

To keep within your building budget visit your hardware merchant early. Know in advance what McKinney Hinges and the other hardware will cost. Decide later on the less-lasting items.

You can obtain McKinney Hinge quality in sundry hardware articles, including complete hardware for garage doors

A Gift for Those About to Build

McKinney Forethought Plans consist of little cutouts of [illegible] to the proportion of your plans. With them you can arrange and rearrange your furniture right on the blue prints until you are certain the wall space, fixtures, doors and base plugs are as you want them.

To aid in your home building McKinney will gladly send a set of these plans. Just write.

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Residence at New delphia, Ohio—6 wood Bungalow and Redwood C

Residence at Sacramento, Cal. Redwood Bungalow Siding painted white. Dean & Dean, Architects



Residence at Sacramento, Cal. All outside wood finish of Redwood. Dean & Dean, Architects

T. P. L. Co.

REDWOOD GUARANTEES Low upkeep costs

UNDER the eaves, around the windows, next to the masonry, close to the ground, where vines climb and on the shady side of the house where moisture lingers, decay appears first and does most damage.

By specifying T. P. L. Co. Redwood for siding, clapboards and shingles, mouldings, porch columns and trim, rail and balusters, mudsills and foundation timbers, door and window frames, pergolas, greenhouses, summer houses, fences and garden furniture, you automatically cut down annual paint and repair bills.

During growth, T. P. L. Co. Redwood is permeated with a *natural* preservative which protects it against all forms of fungus decay. It takes and holds paint unusually well. Properly seasoned, it does not warp, shrink or swell. Containing no highly inflammable resinous compounds, it is slow-burning and reduces the fire hazard wherever used.

U. S. forest experts, in a recently issued report, "Technical Note No. 173", assign the highest total rating to Redwood on these important points: *durability, lack of shrinkage, strength as a beam or post, ease of glueing, workability* and ability to "stay put". These features make Redwood the natural choice for all exterior purposes.

Redwood's salmon-pink to reddish color, an almost infinite variety of grains from the plain grain of the straight logs to curly grain and complicated and beautiful burls, its non-shrinking quality and the fact that clear boards of practically any desired width are available, make Redwood ideal for interior finish.

Before you build, write for our "Redwood Homes Booklet" and for "Physical and Mechanical Properties of California Redwood in Comparison with Other Woods."



Greenhouse of F. M. Ca Langhorne, Pa., sashes, d etc., Redwood. Built by King Construction C

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Redwood

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THE LARGEST MANUFACTURERS and DISTRIBUTORS of CALIFORNIA RE

Wholly new roofing color effects

Opal
Bronze mosaic
Tapestry tan
Onyx



hardson's latest contribu- n toward harmony of color the home

oof with the coloring of a woodland pool ed with autumn leaves—*opal!* nother with the soft, pastel shades of rare stry, in reds, browns and blue-green—*stry tan!* *ronze Mosaic! Onyx!* Here are roofing r effects wholly new, to add beauty to the ern home.

efore you build; before you re-roof, by all ns see these new colorings. One of them give your home just the distinction and m you've always wanted.

blast in the Georgia hills made them possi- It revealed a slate color of rare beauty – thered brown, the mellow brown of Octo- fields. Richardson's discovery of this un- l color, permanently fixed in gems of slate, n a new era in roofing ty. And its very latest elopment is these four effects in Richardson ltricrome Roofs.

Rich blends of color

opal roof is formed of gles on which weath- brown and jade green flakes are mixed in less variety.

Veathered brown and red, similarly blended, luce the ever-varying ern of soft, rich colors e bronze mosaic effect.

apestry tan is a com- tion of both opal and ze mosaic shingles, h a background of d-color weathered ns.

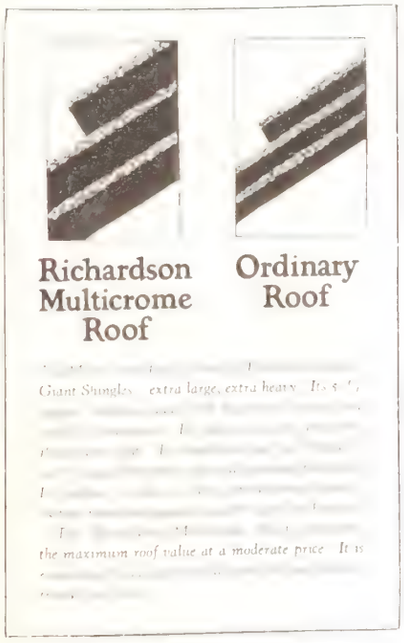
he onyx Multicrome Roof is predominately a cool blue-green tone, brightened with a mixture of opal and bronze mosaic blends.

To help you choose

With these colors you can make the roof one of the most effective units of your decorative scheme. It is all-important, of course, that the coloring of the roof be in harmony with the rest of the house. Only then can it contribute its full share of beauty to your home.

To help you choose the roof which will make the most of this opportunity we have prepared an authoritative booklet fully illustrated in color. It shows page after page of beautiful homes in different architectural styles. And with the Richardson Harmonizer which it contains you can see the complete effect of 54 different combinations of body, trim and roof colors.

The booklet also gives valuable information on the principles of any harmonious color scheme. It is called *What Color for the Roof?* The price is 25c. If you are planning on building or re-roofing, this booklet will be worth many times its cost. Write for your copy today. Or perhaps you will be interested in our booklet, *A Richardson Product for Every Roofing Need;* sent free.



See the new colors at your dealer's

Meanwhile, go to your nearest dealer in lumber, hardware or building materials. Ask him to show you these and other beautiful Richardson color effects in solid as well as blended tones. Ask him, too, why the points mentioned in the panel at the left make their beauty lasting.

DEALERS: *There is a Richardson product for every roofing need. Perhaps you can secure the Richardson franchise for your territory. Write us.*

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THE COMPLETE ARCHITECTURAL MATERIAL

Concrete, made with Atlas, permanently repeats the glory that was Gree

THE Parthenon, gem of Athens' Acropolis, has been reproduced accurately in Nashville, Tennessee. Not a crumbling ruin greets the tourist today, but the complete structure, its marvelous symmetry fittingly enhanced by its original *color.* For with Atlas White Portland Cement not only the shining columns, but the rich panels back of the frieze figures, the intricate sculpturings themselves, the delicate shadings in the cornices, the whole splendid coloration of that ancient Parthenon has been reproduced *permanently,* an achievement which without concrete would have been financially impossible. Such structures of permanent beauty are now an economic possibility in any community, for through Atlas, Portland Cement is today the cheapest of all manufactured products.

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And just as Atlas, by developing the rotary ki made possible a high standard of quality, ma possible quantity production, made Portland C ment actually cheaper today than it was a third a century ago—so, with Atlas, has this new beau of concrete become an accomplished fact.

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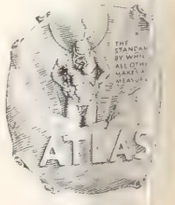


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The ATLAS PORTLAND CEMENT Company

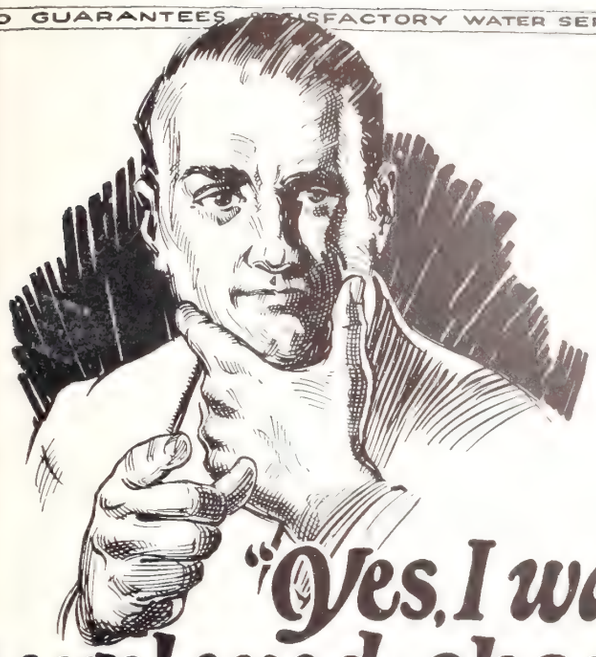
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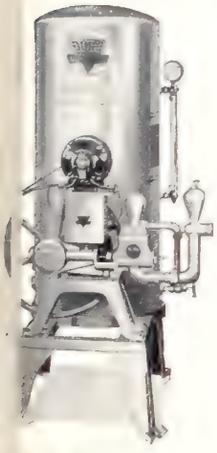


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"Yes, I was perplexed about WATER SUPPLY"



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Thousands of these systems are in daily use supplying the equivalent of city water service to suburban and rural homes, pumping soft rain water from the cistern to kitchen, bath and laundry. Entirely automatic in operation—starting and stopping without attention.

This is only one of many popular Duro systems. There are others ranging in price from $50 upward.

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After all, what you want is *efficient water service*. It [illegible] pump capacity that is [illegible] to install an inferior factory system just because it is cheap.

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THE past twenty-five years have witnessed a noteworthy advance in the architectural design of the American home. This is true not only of the more pretentious residence, but also of the small and medium-sized house. The keynote today is good taste—attractiveness.

In keeping with the spirit of the times is the return to favor of the casement window—ever the most artistic and, when made of steel, the most enduring. And now, for the small or medium-sized house where the windows are in standard sizes, one may have International Steel Casements at a price comparing favorably with wood. Unusual shapes and sizes are, of course, made to order.

We shall be pleased to send you upon request a copy of our illustrated booklet *"International Casements For Homes of Distinction And Charm"*, which gives many interesting suggestions regarding the interior and exterior treatment of windows.

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Booklet sent on request, or we would be glad to make suggestions for the use of WHITE HOUSE Units if you will send us your plans for sketch and estimate. If convenient, a visit to our showroom at the address given below will give you many new ideas.

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Est. 1840
133 West 44th Street, New York

A SHELF OF HOUSE & GARDEN BOOK

(Continued from page 126)

ENGLISH DECORATION AND FURNITURE OF THE EARLY RENAISSANCE. 1500-1650. By M. Jourdain. Charles Scribner's Sons.

The Library of Decorative Art, of which series this volume is a part, consists of four volumes, two by Francis Lenygon and two by Miss Jourdain. Together they form an historical and analytical survey of English decoration and furniture from 1500 to 1820. Both in format and in standard of scholarly presentation the volumes are uniform. The present volume covers the earliest period, treating only of the early Renaissance, and excluding both Gothic work and the decoration of Inigo Jones. It is a study of origins. Consequently prominence has been given to the foreign influences that were translated into the naïve vernacular of Tudor times.

This period of the early Renaissance is one of the most interesting phases in the history of English furniture because it witnessed the laying of those foundations on which were erected subsequent periods. It was a stage of transition that saw the interest and skill of craftsmen gradually turn from the enrichment of churches to the enrichment of the home. The taste and influence of Henry VIII stimulated the new inspiration. It was under his direction that Italian masters and artisans were put to work; these brought to English artificers the spirit of the Italian Renaissance. French and Dutch masters as well brought in their native tastes. Not only did these workmen infiltrate English decoration of the time, but quite a quantity of furniture from Italy and France, sumptuously decorated and upholstered, was imported. These formed the bases for English native productions.

Moreover, this era saw the growth of furniture in the home. Whereas the bed and the chair were mainly pieces possessed by the rich or by royalty at the beginning of the early Renaissance, the end of it saw such a production and creation of furniture and such a development of the mobiliary art that the middle classes possessed them.

This, roughly, is the period that Miss Jourdain covers in her volume. It is the period of decorative awakening in England. Her text—the most authentic being written on this subject at the present time—covers all phases of this mobiliary renaissance—the woodwork, its carving, the inlay of both furniture and floors, decorative painting, plaster, glass and glazing, chimney pieces, interior porches and doors, stairs, the woods used for furniture, with special chapters to special important pieces. Each of these phases is illustrated by an abundance of photographs and line-drawings that makes this volume equally as sumptuous and valuable as its companion volumes in the series.

THE OLD-WORLD HOUSE, ITS FURNITURE AND DECORATION. By Herbert Cescinsky. 2 volumes. The Macmillan Co.

Because the subject is approached in quite a different manner from that hitherto employed in studies of furniture, Mr. Cescinsky's two volumes make refreshing as well as authent reading. We have the scholarly (ar sometimes heavily written) works, the very practical modern books suggestion on home decoration. B tween these two poles lies a vast ar and in that area you find the hou that, while not being palatial, yet a pires to attain the authentic atmo phere of the old-world house. T making of such a house implies bo the knowledge and skill of a decor tive expert and the taste of the own to appreciate what is assembled. A because he has not weighed down h two volumes with overmuch schola ship and stiffness of expression, th author has made a genuine and val able contribution to the literature the house.

He states his credo in the first pag —he would rather have a go modern reproduction of a good pie than a bad original however authen its history. His text is devoted showing what in the past was goo In his chapters he gives a brief h toric outline of the furniture sty and the well-known craftsmen, sit these are facts necessary for those w would appreciate good furniture. H also has chapters of good advice the decoration of rooms in gener his topics ranging from the wax use on Georgian paneling to the di culties of the average bathroom. A while his advice is sane and helpf there are times when his taste wou be questionable in American hom In fact, Mr. Cescinsky is more deper able and more easily read in chapters on the development of f niture styles. In these his authentic cannot be questioned. The chapters 18th Century and modern polishes a on the woods used in English furnit are especially valuable. The two v umes are heavily illustrated, many the furniture pieces being from p vate collections not hitherto shown

AMERICAN HOMES OF TODAY. Augusta Owen Patterson. M millan.

This book is a gallery of go houses and a guide to modern Ame can domestic architecture. It is sumptuous gallery, as it is limi to large houses. For that matter it a sumptuous guide as well, the fi line of the preface being: "This a book rather on esthetics than architecture." That, for this review is a bad beginning, because archit ture interests him greatly, and est tics is apt to bore him. Esthetics the self-consciousness of art and only fine food when served up w mellow philosophy. Fortunately, threat of the author's first line is carried out too seriously, and the te being filled with wise and piqu observations on the past and pres of our domestic architecture, provi an excellent accompaniment to illustrations. These include, amo the hundred houses shown, some the best work done here during last twenty years: work that has pla American architecture in its admitte preeminent position. There is, for stance, McKim, Mead & White's K house on Fifth Avenue at 49th Str

(Continued on page 132)

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What of the hardware for your new home . . *ten years from now?*

N five years, or even sooner? Will doors then swing thly on their hinges? Will knobs and handles still te uncomplainingly? Will locks continue to give the st measure of security?

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rdware is too important a factor in the comfort and ity of the home, too small an item of the total cost to of any but the best. Write for the Colonial Book and your architect select Sargent Hardware.

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The same dependable mechanism which makes Sargent cylinder door locks the choice of so many builders of fine homes makes these padlocks best for garage and locker doors, tool-boxes, spare tires, chests of valuables—in fact for everything on which an unusually secure padlock should be used.





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MAHAL REPRODUCTION
Woven in one piece from Imported Oriental wool

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Mail this coupon to Consulting Decorative Department
THE HOUSE OF SHOEMAKER
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A SHELF OF HOUSE & GARDEN BOOK

(*Continued from page* 130)

which is far and away the finest town house in the country and is passed by more people daily, and recognized for what it is by less, than any house in the world. There are the Work and Burden houses on Long Island done by Delano & Aldrich; the first a splendid building in the Italian manner and the other a graceful, beautiful compliment to our own Georgian Colonial style. One of the best of Mr. Pope's residences, the Frick house, in Baltimore, is shown, with others from that architect's office. The only thing in it by Charles A. Platt, certainly one of our two or three greatest architects, if not actually our greatest, is the swimming pool done for Ralph Pulitzer at Manhasset; but even this obscure fragment of his work shows his magnificent feeling for beauty of line and proportion and for the dignity of great architecture.

R. H. P.

COLLECTOR'S LUCK IN FRANCE. By Alice Van Leer Carrick. The Atlantic Monthly Press.

Although this book was mentioned on House & Garden's Bulletin Board in November, we cannot pass it by without further comment. For it is a little book, a pleasant, chatty, friendly little book; whereas most of the books on our shelf at this time are huge and expensive tomes. So we mention it again, just to say how much fun its readers can have collecting with Mrs. Carrick in France, and how, if they go to the places she lists at the back of her volume, they will doubtless have as much luck as she. Mrs. Carrick, it will be remembered, wrote "The Next-to-Nothing House". Well, her collecting is next-to-nothing collecting.

ROSES FOR ALL AMERICAN CLIMATES. By George C. Thomas, Jr. Published by Macmillan.

The many rose growers in the populous eastern and north-central States who have regretted the moving away of Captain Thomas and of his garden on Chestnut Hill have now cause for rejoicing, in common with rosarians all over the country; for he has given the most cosmopolitan of flowers, the universal Queen, in this book, her merited breadth and comprehensiveness of treatment. Such handling of the subject is very useful in these days when searching for new and better things among plants is so keen, and it is particularly useful in the case of the Rose just because of its diversity of origin and consequent diversity of hardiness and adaptability in other respects. And the Rose is fortunate in having the work done for it by a man who adds to great ability, native and acquired by inheritance from his foster father, Doctor Huey, ardent devotion and ample means.

The great value of the work is at once suggested and proved by its being a revision of the author's own Practical Book of Outdoor Rosegrowing, which has been approved in long and thorough testing and has been worked up to an acme of excellency as a handbook. Now is presented all that is best in that former work, with reliable directions not only for choo wisely from the myriads of pos varieties those that are sure to be successful in a given part of the co try, but also with the most appro methods of managing those varie along with reliable statements of what is to be expected from va variety. Even the Climbers, the B and other species commonly associ in thought with the Briers, and Rugosas and the Dwarf Polyan are differentiated for the various calities. There is a most soundly tional discussion of the vexed que of Own-Root versus Budded P and of Propagating in all the va manners. Pruning and General also receive due attention.

F. B. M.

MANUAL OF TREE AND SHRUB INSECTS. By Ephraim P Felt. Published by Macmillan.

The tremendous importance of the subject, esthetically and economic may be suggested by the fact that notably able and exhaustive wor recently published, makes no me of the popularly called Jap Beetle, which, in one of the lea horticultural regions of the cou not far from the author's home within the last few years begun fr ful damage and is spreading ra as yet scarcely checked at all in way. Hundreds of insects that, in various stages of transformatio various parts of the country, mu seriously reckoned with, are trated, described and prescribed The great usefulness of the book bringing together, digesting an tractively and clearly presenting a amount of material that is sca in the several papers and jo that, unlike governmental bull are not accessible to the general r

To a great extent popular in acter, the book might well hav larged more upon natural check methods of control for injuri sects, in the chapter devoted s cally to that topic, for the co measures listed for specific ins are very brief in the text p More than is said about cli effects, the service rendered by and the use of parasitic and pr ous insects would interest an struct, as would collated advi more detail about selecting for plantations certain trees and that are resistant. More of g suggestions would help, like th tion against confining the tr one community to one species would promote the increase of sect that might become establish cause thorough calamity. The c dealing with Plant Galls and Insects is made up of capital p and of information interesting student; but it is of no econom portance. Similar judgment m passed upon what is said conc Bark Beetles, most of which even be recognized except by t pert. But the practical garden landscape architect and the f will find satisfaction in being d by an accurately made index, l

(*Continued on page* 134)

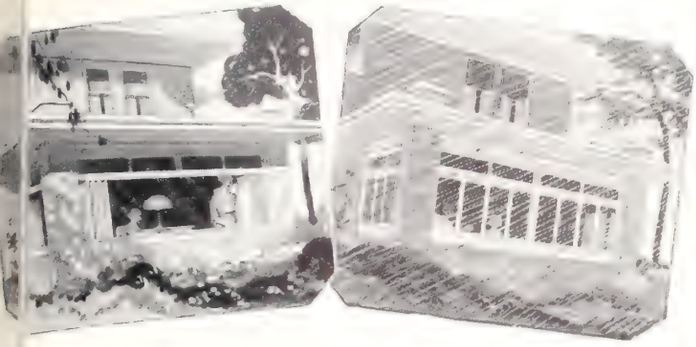
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for every room in the house



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Dining Rooms

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AiR-Way equipped windows slide and fold inside leaving an unobstructed opening the full width and depth of the frame. They open at a touch, without interference from either screens or draperies, and are absolutely weather-tight and rattle-proof when closed. *AiR-Way* windows may be partially opened, for ventilation, at any point desired.

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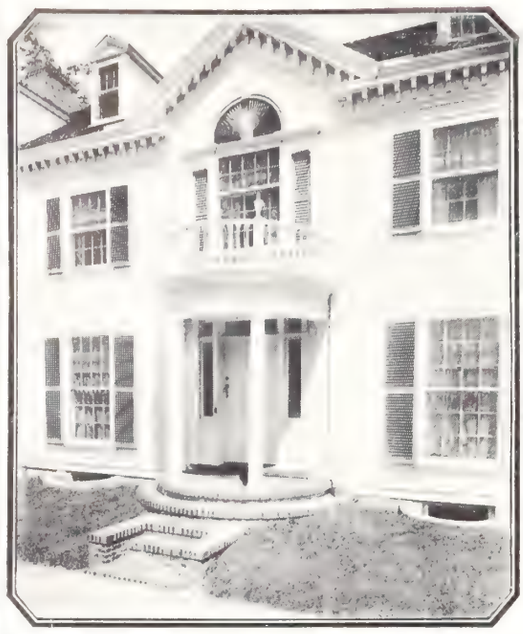


Kitchens

... stuffy kitchen into a pleasant, ... porch.

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Richards-Wilcox Mfg. Co.
"A Hunter for any door that's lifted"
AURORA, ILLINOIS, U.S.A.



Home of Western Red Cedar designed for Mr. K. B. C. Smith, Tenafly, N. J., by R. C. Hunter, ... Bros., New York City.

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When you use siding for the exterior walls of your house you prepare for yourself a genuinely *American* home, one that possesses the charm and taste of the truly *native*

Western Red Cedar

"The Wood That Nature Armed Against Decay"

When you choose beautiful, silky, Pacific Coast Western Red Cedar Siding you are building *for permanence.* A natural preservative oil and the absence of all resin or pitch contribute to the extraordinary durability of Western Red Cedar and help to give it its remarkable damp resisting qualities.



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For Porch Columns and Railing

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KELSEY HEALTH HEAT

A SHELF OF HOUSE & GARDEN BOO

(*Continued from page* 132)

only some of the more popular terms, like "lace-wing fly" for Lace-bug or Rhododendron Lace-bug, to the solution of problems that insects are continuously raising for him. The fruit grower only might wish for more than he can find; the peach-tree borer, for example, is not mentioned in the chapter on Destructive Borers and Wood Gnawers and only seems to be included in the little that is told about the apple-tree pest.

It constitutes a worthy addition to Professor Bailey's Rural Manuals and will certainly receive a hearty welcome. The demand for it will undoubtedly justify, at not great intervals, revision that will more and more catch up with a subject that is bound to enlarge fast, in spite of most strenuous efforts, public and private, toward control. Its saliently excellent chapter on Scale Insects prompts the hope that there will soon be available a companion volume dealing with the destructive blights, blisters and spots that are perhaps even more widespread and more ruinous, as they are more insidious and difficult to subdue.

F. B. M.

THE LITTLE GARDEN FOR LITTLE MONEY. By Kate L. Brewster. Published by the Atlantic Monthly Press.

Here again is evidence that Mrs. Francis King, the General Editor of "The Little Garden Series," has made good use of her wide acquaintance with plants and with persons, for the assignment has been made wisely. She is fully justified in declaring, in the editorial preface, that the "directness and simplicity of this book will refresh the reader." "It is a sort of first aid," to be of especial use to the many who, with the multiplying of the automobile and the spreading of the electric car lines, are moving out into the suburbs. For such persons the way to have a good lawn and a successful flower garden is made so plain that not even the most foolish need err therein. Getting the most for one's effort and money, with both desideratums possessed in limited degree, seems to be the keynote of this harmonious little volume. Landscape design and construction are actually concentrated into elements simple and yet sufficient. So fine is the condensing that even Special Gardens are brought within the limits and enough is said, for the average tiro, in such cases; for him the First Choice of Plant Material also is made easy and there is an alluring beginning of specializing in the biggest things of the modern flower garden, Roses, Irises and Peonies.

Omissions will of course occur to the expert, like that of Darwin Tulip Pride of Haarlem and Mrs. Moon among the Cottage tulips. But the lists are practical ones. Unusually sensible advice is given about protecting plants for the winter; in connection with the use of leaves for mulching, however, caution should have been put in against the employment of leaves from soft-wooded trees. Room has been found for nice combinations of flowers, in the connoisseur style of the General Editor herself. So much indeed is contained in slightly more than one-hundred p that, even more than in the cas the other volumes of the series, is the want of an index.

F. B. I

THE SMALL HOME, by Wil Draper Brinkloe. Robert M. Bride & Co.

The practical is made artistic, the artistic made practical in Wil Draper Brinkloe's "The Small H —How to Plan and Build It".

From his wide experience a architect, he has sensed the nee small, low priced homes with and balance, beauty and distin plus all the step-saving, space-sa comforts that make life in them able.

Mr. Brinkloe takes up, in detai the preliminary steps that, to the man, have usually been as undeci able as ancient hieroglyphics!

He first advises on the site o future home, carefully outlinin advantages and the disadvantag different sites and how to plac home to best advantage in the va settings. Then he gives some illu ating information on the cost of b ing, shows how to estimate the roughly, and how to draw up and specifications. He suggests rials best adapted for use in d ent localities, gives practical hin plumbing and even enters into too-often neglected kitchen, and vates it to the level of comfort livability.

In short, he initiates the wou home builder, in a friendly, inte way, into the important detail home construction—pointing out quent stumbling blocks, insistin solid construction, careful superv and rigid adherence to high stan of beauty in design. Finally, you self are a bit of an architect, bu contractor, plumber and even an trician and heating engineer! W good set of stock plans, and a stock of energy and determina you are equipped to build your home, with artistry!

At the end of the book are plans, pictures and written descrip of homes, ranging in size from tiniest bungalow of three rooms bath, to eight and nine room h The estimated cost is given with plan, so that a plan may be c that is compatible with any in The estimates range from $162 $2710 for the smallest bungalo $12,000 for a nine room house. lowance is made for locality and ation of market price of buil materials. The range of costs, be the mean and extreme, give a choice for any one who is facin problem of building within a li income.

And, by the way, complete wo blue prints of any one of the shown, are available for a very price.

Mr. Brinkloe, in this book, done a great service for comfor family life, and for the commu that will be the fortunate backgr for these charming little homes.

(*Continued on page* 138)

CYPRESS IN WINTER



When you sit by the blazing log (not Cypress!) you can hardly help thinking how uncommonly snug you feel because of your sub-conscious thought of "the wood eternal" surrounding you, and guarding you against not only the blasts of today but also against the repair bills that most people budget for some early tomorrow. It's a *very* pleasant feeling.

CYPRESS DEFIES DECAY

Tide Water Cypress

"The Wood Eternal"

CYPRESS AVERTS REPAIR BILLS

CYPRESS IN SUMMER



And when "they" come down the undecaying Cypress steps when Father comes home, you can't help looking at the railings and fencing, and the garden structures, and especially at the siding and all exterior trim of the home itself, and you can't help thinking how comforting it is that there's such a lumber as Cypress.

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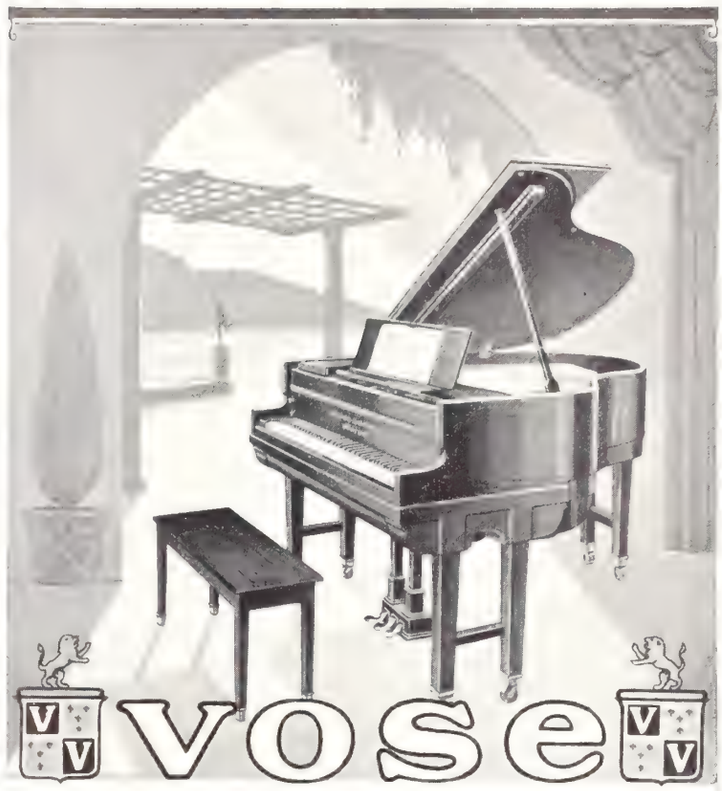
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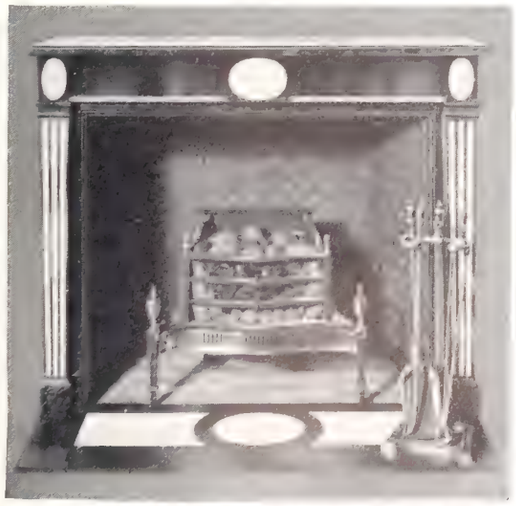
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MOST folks, of all ages, prefer washing their hands in running water. The single concealed inlet of the Madbury lavatory provides a centered stream of water of any desired temperature.

A unique device permits automatic cleaning of the overflow drain. The large, square bowl has an anti-splash rim which protects one's garments and prevents slopping over.

As this lavatory is made of solid, white vitreous china, even to the last handle, there is no nickel work to require constant polishing.

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A vitreous china lavatory has this great advantage—it does not require constant scouring to keep the bowl clean. This is because the surface is hard and glassy.
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MADDOCK
Bathroom Equipment

Your plumber knows the economy of quality fixtures

A SHELF OF HOUSE & GARDEN BOOKS

(Continued from page 134)

TINKERING WITH TOOLS, by Henry H. Saylor. Little, Brown & Co.

In "Tinkering With Tools" Henry H. Saylor has given us a book which every "handy man around the house" (and woman, too, for that matter) will eagerly welcome. For many it will terminate that period of too obviously amateurish repairs, refittings and installations which has made the home carpenter and mechanic a butt for the comic cartoonists from time immemorial. In the terse vernacular of the day, it takes the Tink out of Tinker.

To the writing of this valuably practical book Mr. Saylor brings an actual tool experience of many years as well as a clarity of expression whose importance cannot be overestimated. As a home craftsman he ranks among the foremost in the country; as a former editor of HOUSE & GARDEN and the author of many books on house and garden subjects his work with words is no less well known. Combine these two elements of skill, and the result is sure to be worth while.

"Tinkering With Tools" makes no attempt to be professional, nor do the equipments and methods recommen in it involve any more extensive lay than the small home works warrants. The whole theory of book is based on a few good t well chosen, well cared for and rig used. With these as a starting p the rest is a matter of sane applica "Do it yourself, do it right, and fun in the doing" seems to be Saylor's motto.

The book is well arranged, too, devoid of any semblance of ho podge. After the preliminary c ters on workshop, supplies, tools their care, the main classification their application follow natura woodworking, wood joinery, exte and interior painting, varnishing enameling, floor finishing, plumb electric wiring, bell wiring, mas odd jobs, and (boon to many a g ing householder!) an excellent sary and bibliography. Where illu tions are needed to clarify the they are supplied by diagrammatic drawings and a few halftones.

Altogether a book which shoul on the "Indispensible" shelf of e man or woman who sometimes ha casion to hammer a nail or turn a

HOUSING THE GARDEN TOOLS

(Continued from page 95)

These will accommodate several tools at once and are very efficient as savers of time and space. The smaller tools are hung on nails or spikes—and there is a shelf (sloping to be easily seen) for such tools as trowels, dibbles, and shears. In one toolhouse that I visited I found that instead of resting the tool on the shelf, there was a slot cut through the shelf to fit the tool, which was dropped into it. Against the back wall are three specially constructed racks to hold the picks, grubs, and axes. There is some space left on wall "D" for tools which may be acquired later.

The toolroom 5 contains the more bulky, and less used tools, the garden hose, and two iron barrels for large amounts of grass seed or spray material. Owing to the large amount of construction work being carried on some provision had to be made for the stakes which are used, and a special rack was built into one corner for them.

Since fertilizer has such a corrosive action on wood and iron, it seemed best to use wooden barrels for storing it because they can be so much more easily replaced than can wooden bins or iron barrels. Plenty of room is allowed for storing lime or humus in bags.

The workshop is designed so that it may be kept locked during the greater part of the time when the superintendent is not in it himself, thus making it something like an office for him. It is fitted with a stove so that it may be used the year-round. In the spring the gardener can work here in comfort preparing his seeds for the hotbed, as he has a plenteous supply of soil, and a revolving table upon which to w The soil bin has cement walls height of four feet, a filling doo the outside (N), and a door w opens into the work shop. This l door is in two sections, the bottom sliding up and down, but the top h hinged so that it may be left op the winter to keep the soil from f ing. Shelves could be put in this to carry the "flats" used in sta plants. The coal-bin can be f from the outside.

The comfort of the worke taken care of by the installation toilet in one corner of the works This has an outside door to be when the shop is locked. A washl is provided, as are soaps and to A small window, hinged at the provides light and ventilation. man is given a locker in which to his extra clothes and any valuabl may want to keep there. The doo these lockers are made of mat boards painted green, and are pro with sturdy locks. The heated w shop is used by the men at noon during cold and inclement we insuring them a greater rest and chance of sickness through eating meals in the open air.

To guarantee each tool remai in its correct place a small sketc it was painted on the wall in the it should occupy; thus, even men could not read the name if it printed under the hook could where to hang their tools when were brought in at night. The su intendent can tell at a glance what tools are missing, and a s can be at once instituted and the

(Continued on page 140)

Now... the Kelvin·et!



$250

plus transportation from Detroit —installed in your home

Kelvinator and Refrigerator Complete

A refrigerator with Kelvinator already installed—connect it to an electric socket and it's ready for use

Here, at last, is a Kelvinator at a popular price for the small home or the rented house or apartment. It is made in one unit, every part being enclosed in the refrigerator itself. When it is delivered we simply set it in place and "plug in" the electric connection as you would an electric washer or sewing machine. It is then ready to receive your foods.

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Although low in price—$250—it gives every advantage of the larger Kelvinators. It requires no ice, and so relieves you of the annoyance of ice delivery. It maintains a temperature much colder than that of the ordinary ice box. The cold it maintains is dry cold, crisp and frosty, and the refrigerator stays free from moisture. It freezes cubes of ice for table use just like the bigger Kelvinators.

This new model makes it possible for *every* home to enjoy the advantages of the Zone of Kelvination in which foods keep fresh for many days. It will enable *you* to "crisp up" your green vegetables in the frosty atmosphere, to mellow your meats and to prepare scores of new and novel delicacies unknown to users of ice.

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Write us for the name of the Kelvinator dealer nearest you. He will gladly show you the new Kelvin·et and explain in detail its operation. "Kelvinator and Kelvinated Foods"—an illustrated descriptive booklet, will be mailed gladly on request. © K.C. 1924

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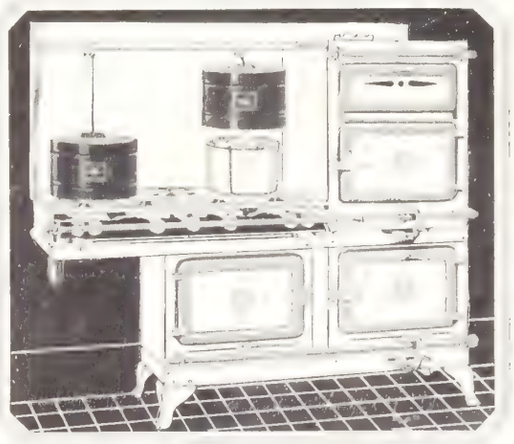
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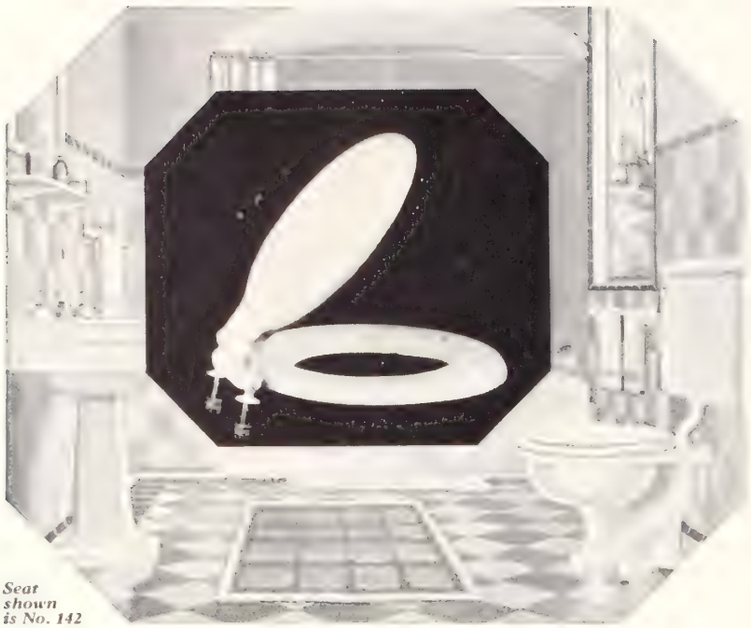
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Chambers FIRELESS Gas Range

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Seat shown is No. 142

See your toilet seat as your guests see it

IF YOU were a guest in your own home, would you find the bathroom toilet seat above criticism? Try to see it as a guest would see it. Does it look immaculately white, clean and sanitary? Or does it look old, worn, unsightly and uninviting? Familiarity may be blinding you to imperfections which guests criticise, and which you would be as quick to criticise in another's home.

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THOUSANDS of people who have always wanted nicer bathrooms have found that they can easily have them, not by making the bathroom all over, but simply by installing a new Church all-white toilet seat.

The difference a spotlessly white toilet seat makes in the looks of the whole bathroom is certainly a pleasant surprise. Some women say, "looks hundred percent better"; some, "looks dozen times better"; and others, "now I am proud to have guests go into my bathroom."

Church Seats fit any bowl—installed in a few minutes

CHURCH Seats fit any bowl and can be installed easily in a few minutes. So easy that you can install one yourself, although any plumber will be glad to install it for you at small cost. If you move to another house or another apartment, the seat is easily taken with you.

The handsome white surface of Church Seats is a smooth, ivory-like sheathing, which won't wear off as paint is apt to do, and it won't crack, split, discolor, absorb moisture or retain odors. It is as easy to clean as porcelain and is perfectly sanitary. It is above the criticism of any guest.

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Ready to wrap and take home in handy carton

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Gentlemen: Please send sample of Sani-White Sheathing and descriptive circular to:
Name
(Please write plainly)
Street
City ..... State .....

HOUSING THE GARDEN TOOL

(*Continued from page 138*)

recovered before it has a chance to become thoroughly rusted from lying out of doors. I predict that the expense of replacing tools lost or not properly taken care of will be practically nil if the superintendent carefully goes over each wall every night to see that everything is in place.

The outside finish of the toolhouse may vary according to its proximity to the house or the garden. I have seen some that I took to be, at fi glance, summerhouses—and I remei ber one that was built into a hu cliff. If one has a garden that located at any great distance fro the present toolhouse it might be pc sible to construct a small building one of the features of the garden, a thus have the tools handy to use du ing odd moments of the day, for su a toolhouse need not by any means a disgrace to the garden.

LIST OF TOOLS NEEDED ON THE AVERAGE COUNTRY PLACE

Name of tool	*Room*	*Location*
*Power Lawnmower	1	Floor
*5-gallon Cans (Oil, Gasoline)	1	Shelf
*Oilcans, oilers, wrenches, etc.	1	Shelf
Wheelbarrows	2	Floor
Baskets (4-bushel)	2	Wall "A"
Edging knife	3	Wall B
Wheelhoe	3	Wall B
Shovels ("D"-handles, *Square, Round)	3	Wall B
Shovels (Long-handled, *Square, Round)	3	Wall B
Spades	3	Wall B
Forks (Digging, *Potato)	3	Wall B
Hoes (Garden, Scuffle)	3	Wall B
Sickles	3	Wall B
Picks, *grubs, axes,	3	Special Rack
Shears, (*Hedge, Long-handled pruning, Long-handled edging)	3	Wall C
*Scythe	3	Wall D
Forks (*Hay, Manure)	3	Wall D
*Sod Cutter	3	Wall D
*Sod Tamper	3	Floor
Pails	3	Floor
*Iron Bars	3	Floor
*Sledges	3	Floor
Trowels, dibbles, etc. pruning shears, sheepshears	3	Shelf
Rakes (Wooden, Iron)	3	Wall E
Brooms	3	Wall E
Pruning saw, hammer	3	Wall E
Garden line	3	Wall D
Hand pruning shears	4	Shelves under toolchest
Plant labels, etc.	4	Shelves under toolchest
Carpentry tools	4	Toolchest
*Paint, creosote, brushes	4	Shelves under toolchest
*Asparagus knife, thermometers	4	Toolchest
Tapeline	4	Toolchest
Seeds, (small packages)	4	Tincan on potshelf
Soil sieve	Potting-soil Bin	On Wall
Poisons	4	Bins under workbench
Fire Extinguishers, (Pyrene)	4	Attached to toilet wall
*Extension-ladder, Stepladder	5	Wall G
*Fruit-picker, *Tree trimmer	5	Wall G
*Tank Spray Pump	5	Floor
Spraying Apparatus (Small sprayers, Hose, Nozzles, Etc.)	5	Wall F
Garden Hose	5	Wall F
*Grass catchers	5	Wall F
Hand Lawnmowers	5	Floor, along Wall F
Oilers, Screwdrivers, Wrenches	5	Corner of Wall F, near door
*Seed, (Large amounts)	5	Galvanized-iron Barrels
*Large Stakes	5	Rack along Wall of Coalbin
*Hose Reel	5	Floor
Planet Jr. (Seeder)	5	Floor
Lawn Roller	5	Floor
Market Baskets	5	Wall over Roller
Fertilizer, Humus, Lime, Etc.	6	Barrels, and bags on Floor







Typical of Luminier good taste is this Polychrome Finish bracket — one of an infinite variety on display at Luminier.



One of the very many fine Luminiers suitable for dining room illumination. Hundreds on display in our showroom.

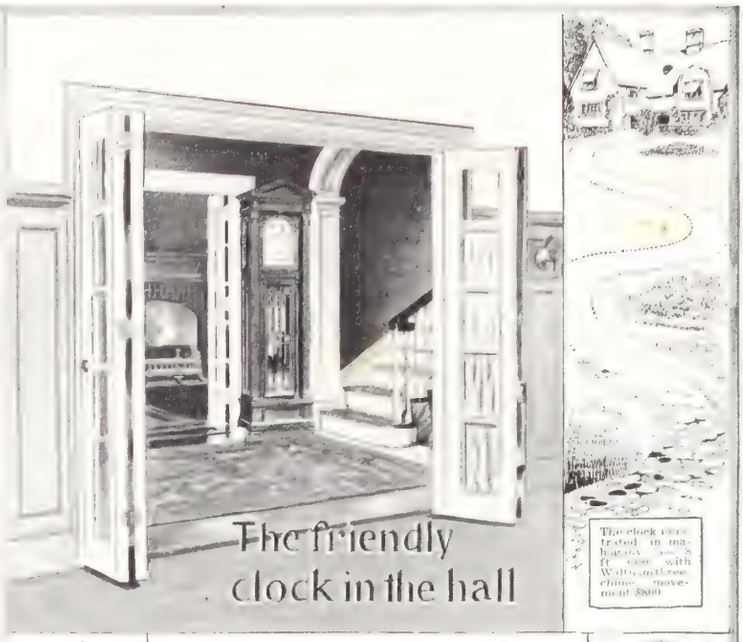
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OTTAWA *Dining* FURNITURE



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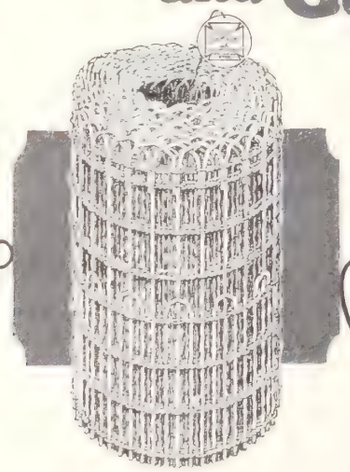
You can obtain Cyclone Lawn Fence in many attractive styles— fabric and gates for erection on wood posts; or "Complete Fence" which includes steel posts, frame work and fittings.

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Cyclone Lawn Fence and Gates



Cyclone Ornamental Lawn Fence is furnished in rolls, in standard heights —for erection on Wood Posts. Gates to match Fence.

Look for The "Red Tag" Mark of Quality

Cyclone "Red Tag" Fence and Products



Reds, greens, purples, browns, grays and blacks can be had in slate, and when mingled without mechanical regularity the result is soft and rich

THE SLATE-COVERED ROO

(*Continued from page 85*)

but they did have a rare feeling for what we call scale and for appropriateness.

In this earlier work it was common to use the largest and heaviest material at the eaves where the wall was present to assist in sustaining a share of the weight from the thicker material. From the eaves on up the slope, the slates were reduced in size and finally the smallest and thinnest used at the crest.

Such of these old roofs as remain in place today are examples of a rarely sympathetic and understanding use of a nearly natural material, and th also exemplify one of the outstandi characteristics of slate work—name that Time acts as a great beautifi softening the edges and colorings, tying the whole surface together.

With the gradual decline of Engl Gothic through the Tudor devel ment and into the Jacobean transiti and with the growth of the Engl Renaissance with Inigo Jones, Chris pher Wren and the ensuing Georg period, the use of the earlier roof materials continued, but the old ga

(*Continued on page 146*)



The slate roof is at home on the Georgian or Colonial brick house. Here it is sufficiently thin to be in keeping with the delicate wooden cornice. Delano & Aldrich, architects





You can have clothes closets like this in your home at small cost

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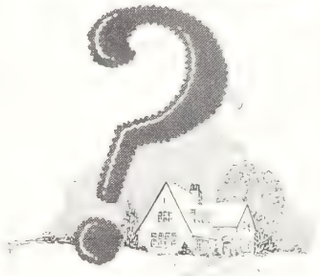
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FLAT-Extending
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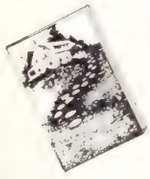
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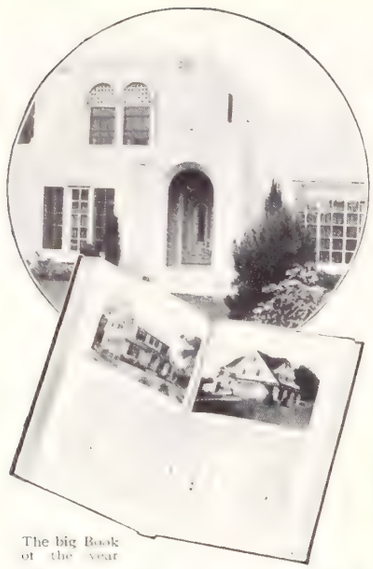
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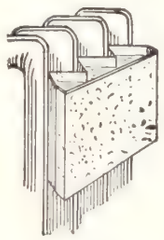
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Three ways to be sure of getting genuine Kirsch Rods

Distinctive Three-Color Box	*Beautiful Stipple-Tone Finish*	*Name "Kirsch" on Rod*

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Kirsch Rods provide most effective help in window draping: Easy to put up, easy to take down, fit every window, take care of every treatment. They readily tilt on or off the patented Snug-fit Brackets, but never come down accidentally. Kirsch Accessories—heading rings, drapery hooks, draw curtain fixtures—are equally simple and practical.

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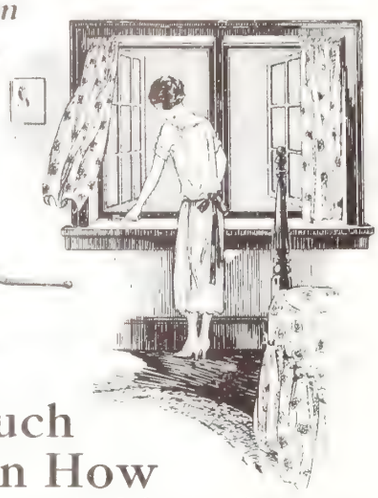
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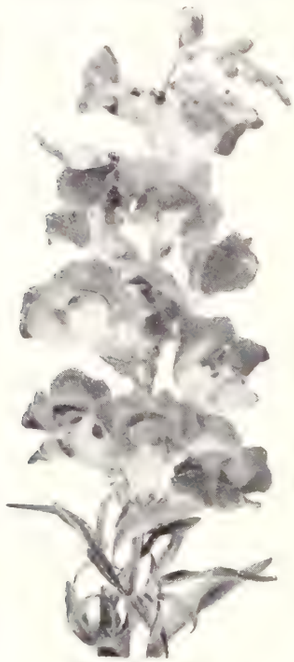


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THE SLATE-COVERED ROO

(Continued from page 142)

design was disappearing, hipped roofs were becoming the thing. As the Georgian styles developed on toward the 19th century, the appearance of roof became of less and less importance as a visible and interesting feature of the design. For the flat and decked roofs, lead was used, and for the visible ones still indulged in, shingle tiles, and slates continued.

With the coming in of the Gothic Revival—to become known ultimately as "Victorian Gothic"—the gabled steep roof came back with its accompanying slate, but with what a change from the earlier Gothic usage! The material now was worked with every effort to secure a smooth shadowless effect, with the slates marshalled and lined up exactly, often with edges scalloped, and as a final beautifier's patterns, quite exact ones, were laid in, diamonds in scalloped slates being the favorite design.

In the United States, our slate deposits are located somewhat inland from the coast, and so were not opened up during our earliest Colonial period. Not yet manufacturing tile to any extent, and with slate quarries not opened up, our early roofs were done in shingles, but as the 18th Century progressed, slate came into use for the finer houses, especially in the districts lying down the coast from New York, in New Jersey, Delaware, Eastern Pennsylvania, Maryland and Virginia. For these districts, the slates were probably secured, from outlying surface deposits in parts of the country which now produce largely. For the lower tidewater there was the Buckingham County (Va.) field and for localities further North the Delaware Water Gap region, which is now so actively worked. When one visits old towns like Annapolis, Md. and Fredericksburg, Va. where much of the early building is extant, it comes as a surprise to find the almost universal use of the dark grey slates, on both masonry and frame houses. This early use was quiet and dignified with little effort at dressing up. The English habit of graduating in thickness and size was not followed—it was just plain, simple slate work, done with the idea of securing a durable non-burning roof covering.

FROM TIN TO SLATE

Tin became a great American institution in the 19th Century, and resulted in many unfortunately durable roof coverings, which are still with us on houses of the 60's, 70's and 80's. The use of slate increased, but, following the Victorian Gothic of England and the Second Empire "Mansard" from France, the result was hard and hideous and continued so until what might well be termed the "American Gothic Revival" came in.

With this American Gothic Revival, beginning some twenty-five years ago, came the building of some of our universities in close feeling with the monastic work of the middle ages, and churches, and finally residences came to be designed in the spirit of the older work, freely enough by the most original of our designers, archeologically by the lesser spirits. The ensuing study of the old Gothic work in E land and France finally resulted renewed appreciation of the roof a important feature of the design, mass, in texture and in coloring. this American Revival progressed, came more and more into us much study and experimentation sued.

The slate roof with varying th nesses and color has now been wit for a decade or two, and contin to be highly regarded. Excesses creeping in, however, for some of more recent slate roofs have reac the extreme of roughness, and clo resemble in the extent and turbul of their surfaces, a shale slide dow mountain side. This excess is ba nearly as bad as the slate work of 1880's, but at least it is not monoton

KEEPING SLATE IN SCALE

Slates should be scaled to the siz the surface covered, and particul to the materials of the walls be Rugged masonry in the walls, con ing a sense of thickness and we will stand a roof of heavy slates, thick edges and wide exposures a eaves, and as the slope is mounted creasing in size and thickness.

If the walls appear light in wei or are fine in texture, the unduly he slate covering becomes overpowe and obviously done for effect, securing only a bad result. The w appear about to crumble, and pe the tons of slate above to slide wi roar to the ground.

Slate is a heavy material. W laid with the usual standard lap 3 inches, in the 3/16 inch stock thick a 10 ft. by 10 ft. square weighs 600 to 700 lbs. Increase this thick by four or five times, as happens w thick eaves slates are used, and easy to realize that for light w anything but the thinner materi out of proportion.

The idea has become current only thick and weighty slates gi desired play of light and shade in roof surface, but this is faulty, thin slates, stock thickness of 1/8 may be used with great success, but a moderate proportion of thi material, say up to 5/8 inch scatt through in no fixed order. method breaks the monotony of surface: As the eye travels across courses, the edge shadow change depth from slate to slate, and there no accurate lines of dark and light equal width, running across the surface. The scattered thicker s also brings in the side shadow w affords still further play in the face. There are further ways of curing interest and even the thi slates may be foregone in the int of economy, without sacrificing possibility of an interesting roof. horizontal lines of the courses ma broken by now and then stepping slates out of line, and again by put in a "Dutchman"—an extra slat ped in and nearly hidden by the co above. By these methods and o others known to the craft, the slate surface is secured. In this we have throughout the roof,

(Continued on page 148)



Do You Know Evergreens?

DO YOU know the many beautiful colors and shapes obtainable in Evergreens? Our 1925 catalog contains 76 pages and nearly 100 illustrations—24 of them in full color. The descriptions are complete and authentic. It gives information regarding color, shape, size and best uses of the different varieties.

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The new "Guide" has 100 pages, 18 in full color. It gives the "inside story" of how we *know*, as never before, which are America's 100 best roses. It describes and pictures roses truthfully. Get the "Guide" and do some easy-chair rose-growing right now!

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It's a "Star Guide" in every sense of the word. It describes America's 100 best roses —scientifically selected, now that our exclusive new Index is complete. It lists the most beautiful, the most universally popular roses in America today.

The "Guide" tells how unerringly to select the five best roses, or the seven best roses, or the ten best roses, or whatever number you want. It describes the best red roses, and pink roses, and yellow roses, and white roses. It not only tells which ones are best, but ***why.*** It describes bush roses and climbing roses; it describes fragrant roses and all the rest—truthfully, conservatively, fully.

Send today for your copy of the 1925 "Star Guide to Good Roses". It's FREE!

THE CONARD-PYLE CO.

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★ *Star Rose Growers* ★

Robert Pyle, Pres Box 126 West Grove, Pa.

The name is changed

Our corporate name has been changed; the personnel hasn't. The same fine service that you have always enjoyed from this organization is thus yours for 1925, and also for the years to come.

THE SLATE-COVERED ROO

(Continued from page 146)

work of varying shadows enclosing surfaces which change from slate to slate in shape and size.

All of these variations from regular and accurate laying in place must be done with restraint, however, if the result is to escape the appearance of a conscious effort toward the picturesque. When the effort is obvious the result becomes "arty" and offensive.

The handling of colored slates offers great possibilities for effect. Our very important Vermont deposits give us fine soft greens and purples, while our Pennsylvania and Virginia districts run to the so-called blacks, and grays. Some of these slates weather with exposure to the air. If this weathering is taken into consideration when the color arrangement is worked out, it can be used to a great advantage. Weathering has often the value of softly toning down the colors and ing the appearance of age. In u colored slates, it is well to learn curately just how the colors u consideration will react with expo to the elements. If practicable, material should be looked up and ied upon a roof which has be place for some years.

With the growing demand f fireproof permanent covering for homes, and with an insistent desi the same time for a beautiful mate beautiful in color as well as in surf it seems likely that the use of will continue to increase greatly is possible too, that further slate posits may be located and opened for there may be a wider distribu of slate formations than have been made commercially active.

AN IDEAL SMALLER GARDE

(Continued from page 65)

and very small trees are used towards the background. The plants here are given numerals corresponding to their positions on the plan. Wherever sible plants are used which are s to all climates in the country.

PLANT LIST

(1)	*Abelia grandiflora*	Glossy Abelia
	Cotoneaster horizontalis	Rock Cotoneaster
	Hypericum moserianum	Gold flower
(2)	*Abelia grandiflora*	Glossy Abelia
	Symphoricarpos racemosus	Snowberry
	Kerria japonica	Kerria
	Cotoneaster horizontalis	Rock Cotoneaster
(3)	*Magnolia*	Magnolia
(4)	*Berberis thunbergi*	Japanese Barberry
	Berberis thunbergi	Japanese Barberry
(5)	*Cotoneaster horizontalis*	Rock Cotoneaster
(6)	*Crataegus cordata*	Washington Thorn
(7)	*Crataegus cordata*	Washington Thorn
(8)	*Euonymous japonicus*	Evergreen Bittersweet
(9)	*Euonymous japonicus*	Evergreen Bittersweet
(10)	*Euonymous japonicus*	Evergreen Bittersweet
	Berberis thunbergi	Japanese Barberry
(11)	*Kerria japonica*	Kerria
	Abelia grandiflora	Glossy Abelia
	Azalea nudica	Indian Azalea
(12)	*Berberis thunbergi*	Japanese Barberry
(13)	*Berberis thunbergi*	Japanese Barberry
(14-25)		
	Coreopsis tinctoria	Tickseed
	Gallardia grandiflora	Blanket Flower
	Lilium Henryi	Yellow Lily
	Phlox drummondi	Drummond Phlox
	Viola vars.	Horned Violets in variety
	Yucca filamentosa	Adam's Needle
	Petunias	
	Gladioli	
	Zinnias	
	Papaver orientalis	Oriental Poppy
	Gypsophila paniculata	Baby's Breath
(26)	*Ligustrum ovalifolium*	California Privet
(27)	*Ligustrum ovalifolium*	California Privet





Diener's Gladioli

Order gladioli now for spring planting. The gladiolus is the king of flowers and the easiest to raise.

A collection of 12 of our named varieties made up especially for readers of HOUSE AND GARDEN will be shipped on receipt of three dollars. This exceptionally choice collection, offered at this extremely low price, will make a valued addition to any garden.

Bulbs are carefully packed and separately labeled.

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Our catalog fully describes our 1925 novelties of gladioli, petunias, and dahlias, as well as many other of our originations.

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ROSES

SPRING PLANTING

An illustrated, complete list of Roses that we shall have for Spring Planting, will be ready to mail in February. Many wonderful Roses are illustrated in color, among them Red Radiance, Betty Berkeley, Star of Persia and other new and unusually attractive varieties. This list of Roses is without a doubt the most complete and extensive ever published. We have several hundred thousand rose plants ready to ship to any part of the country where Roses can be planted at this time. Your choice can be made from our Illustrated Rose Catalog which will be mailed to you on request.

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A complete catalog of Hardy Perennials, Old Fashioned Flowers and Rock Garden Plants. Beautifully illustrated in color and black. It contains an alphabetical table of Hardy Herbaceous Plants indicating Flowering Period, Height and Color. It includes special lists of Irises and Peonies.

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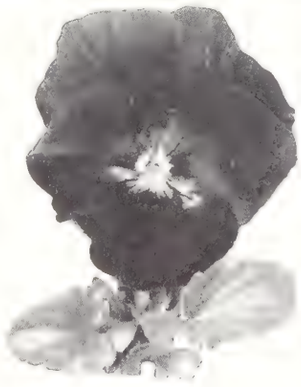
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Viola Cornuta

It's a wonderful bloomer, starting as soon as snow melts in March and keeping at it until hard winter prescribes a short rest period in January. We have it in *Light Blue, Dark Purple, Yellow, White, Mauve and Blue with White markings.*

It is far superior to the old-fashioned Pansies because of its persistent blooming through the entire year; dry, hot weather does not affect it. Cold and rain seems to make it more persistent, perfectly hardy and of brilliant colors.

Prices: Any shade—Doz., $ 1.50; 100, $10.00
250, 22.50; 1000, 75.00

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Gladioli from Elliott



A Special Selection for Fine Gardens—1925

Out of the hundreds of beautiful Gladioli, new and old, that we test and grow every year, we pick the following as the cream of all for 1925 planting.

All are vigorous and easy to grow. Some of them are as yet very rare but until April 1—not later—we can offer them at special prices.

Alice Tiplady. Rich bronzy orange with satin sheen.

Anna Eberius. A sensational California origination. Exquisite rhodamine purple with deep pansy throat blotch.

Evelyn Kirtland. Tall spikes and gigantic flowers. Lustrous rose pink with scarlet tongue.

Flora. The newest and largest pure golden yellow.

Herada. Immense blooms of clearest orchid mauve. Tall and vigorous.

Mary Pickford. Lovely creamy white, brightened by a flush of canary yellow in the throat.

Mrs. Dr. Norton. True apple blossom effect, white shading to pink at the tips of the petals. Extra for cutting.

Reverend Ewbank. Brand new and absolutely unique. True porcelain blue of large size.

White Giant. Immense pure white flowers like Easter Lilies.

SPECIAL { 3 extra-large bulbs of each variety, 27 in all } **$3.75**

or, for the small plot, 1 of each (9 bulbs) for $1.30;
12 of each (108 bulbs) for $14.00.

Stocks are limited, deduct special 5% discount for prompt orders

FREE Many other named sorts as well as Elliott's famous XXX mixture of Gladiolus bulbs for extensive plantings, are described in Elliott's Spring Garden Book of new things in seeds and bulbs, and Special Nursery Catalog of plants, shrubs and vines. Full of helpful suggestions for garden and landscape. Write for them today.

ELLIOTT NURSERY COMPANY
512 Magee Building **Pittsburgh, Pa.**



A small ramping easily grown Campanula (muralis) bearing many purple flowers during the spring and sparingly until frost. From Mr. Lown's garden

WHAT IS A ROCK PLANT

(*Continued from page 79*)

We might take as an example of the perfect rock plant the true alpine. This vivid creature is the product of its peculiar environment; of austere living in high places where long, snow-blanketed winters and short, blazing summers are the rule; where its roots must thrust deeply through stony detritus or insinuate themselves between narrow fissures in search of sustenance; where moisture in spring is plentiful and unfailing, and winds are ruthless and compelling. From these exigencies has developed a type of plant possessing definite characteristics and marked personality. Briefly it may be described as of dwarf stature, often not exceeding two or three inches; of compact habit, either tufted, rosetted, or mat-making, its leaves small, close-set, often hairy, leathery or succulent, and in the majority evergreen, or evergrey; with flowers, clear and brilliant in color and large for the size of the plant they adorn, prodigally borne over a short season—though sometimes giving a second blossoming in the autumn. Besides these definite characteristics, all friends of alpine plants are familiar with their peculiar clean-cut sparkling brilliance of aspect, their amusing self-sufficiency, and their delight in growing and blossoming so plainly evinced that no one can behold it without experiencing a thrill. I have known many an otherwise garden-proof p**erson to stand entranced before a wildl**y blossoming plant of *Dianthus n**eglectus* or *Campanula garganica*—**whole occupying a space that could** covered by a breakfast plate—usi**the most superlative language of** light and admiration.

Campanula garganica from hi**rocky sections of Italy, is a typi**rock plant. It accomplishes in J**a veritable explosion of blue st**beneath which its modest greenery** quite lost. *Androsace chumbyi*, fr**the Himalayas is also typical, with** advancing gray rosettes and myr**pink umbrellas held a few inc**above the foliage. Neither plant taller than three inches. The Mo**Saxifrage illustrated forms two-i**cushions of emerald verdure that **literally obliterated in May by a w**ing forest of slender stems bear large, brilliantly white blosso*Sedum pulchellum* is a beautiful bi**nial that inhabits limestone ridges** Virginia and Kentucky and is an or**ment to any rock garden.

These plants illustrate the type plant which, to insure the best sults, should for the most part inha**our rock gardens. And this is** type which thrives apace and appe**happy and at home in surroundings** rock and ledge and rugged conto

(*Continued on page* 154)



*Saxifragelo**ifolia*, ca**the Cro**royal of St**A hands**torm of Silv**Saxifra**Likes some**ness in** gravelly so



Evergreens are the Life of the Landscape

Evergreens smile the year 'round. They are the life of the landscape in winter and the spice of it in summer. The beauty and usefulness of

Hicks' "Time-Saving" Evergreens

is continuous. If used as a screen, they screen all the year; they give privacy all the time. As a windbreak they restrict the wind as completely in winter as in summer. Hicks' "Time-Saving" Evergreens are ready to plant now. Winter planting is as successful as in spring and fall. May we send you more information about them? You'll be interested.

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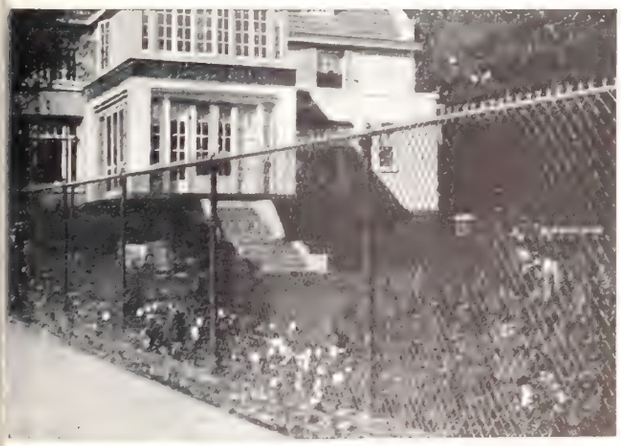
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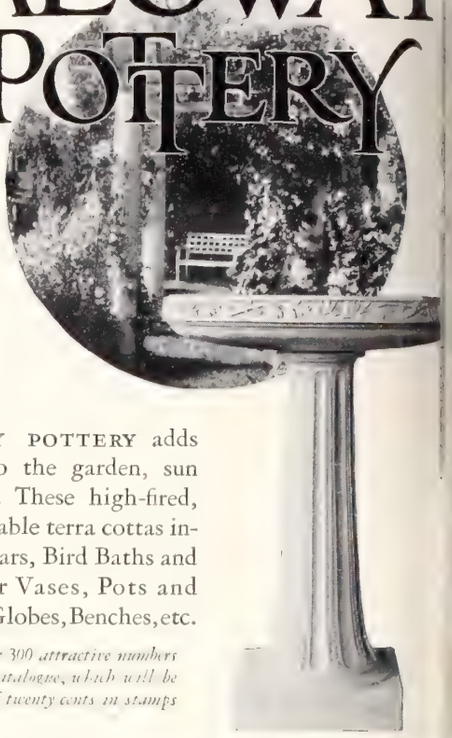
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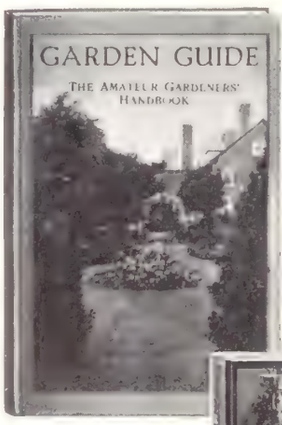
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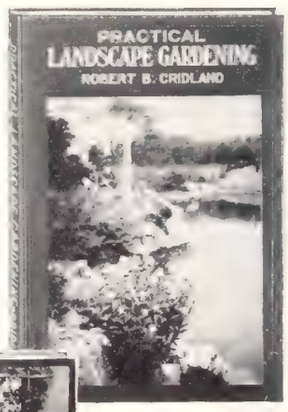
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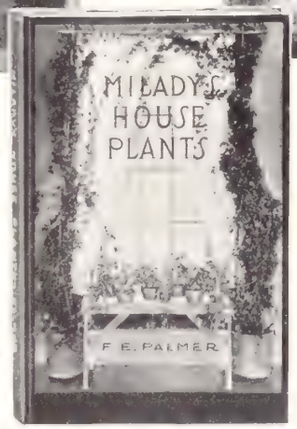
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50 Extra choice mixed Primulinus Hybrids, made up of named varieties.

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A beautiful dwarf shrub for rockeries, border fronts, and lawn planting. 4-inch pot plants, 2 years old, $1.00 each—$9.00 for ten.

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PLAN to make your grounds more beautiful this spring by planting Wagner hardy flowers, roses, shrubbery, evergreens, and ornamental trees.

Wagner stock has long been favored by flower lovers because of its vigor and full blooming qualities.

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This garden was laid and planted by Wagner Landscape Service



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Every variety of seed offered in BURPEE'S ANNUAL is grown on the Burpee Farms, or by our experienced growers in other parts of the world. All seed sold by Burpee is tested twice at Fordhook Trial Grounds. Burpee's Seeds are both Tested and Guaranteed.

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Send me a copy of **Burpee's Annual** with Order Sheet good for a free 10c packet of Burpee's Seeds. B-6

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WHAT IS A ROCK PLAN

(*Continued from page* 150)

generally. But not by any means does the acceptance of this ideal confine our choice to true mountain plants. One finds the same characteristics, the compactness, the freshness, the clean-cut brilliance, and the unmistakable air of being a personage in the Primrose of the pasture, the Orchid of the bog, in many a small wanderer on desert or prairie.

And it is to accommodate all these types, and personalities, and nationalities that a rock garden is designed. Here among its miniature hills and valleys, indeed within a few square feet, may be grown an incredible number and variety of plants hailing from all parts of the world. And this, I think, is the very essence of the fascination of rock gardening. Certainly no other phase of the craft gives us the sense of so wide a kinship with nature.

Miniature Landscapes

A well-designed rock garden may easily have within its restricted boundaries the following topographical features; rocky hillsides, narrow ledges, windy heights, plains, sheltered valleys, a small bog, a pool, perhaps a stream, sand dunes, a beach, a heath, a bit of woodland, and, if you like, an alpine pasture. In a word, a rock garden, even a small one, may be a veritable vest-pocket world. Nor is this the difficult and complicated business it sounds. Anyone with a clear picture in his mind of these features in Nature, and possessing a little taste and ingenuity can without difficulty conceive and construct the little landscape; and the rest is a matter of soil and exposure.

A number of plants that come rightly under the head of rock plants will grow in the ordinary soil of the garden. Of these are the common Arabis and golden Alyssum, hardy Candytuft, some dwarf Irises, Cerastium and many Violas. But it is to be hoped that no rock gardener will be satisfied to stop with these amiable old friends, but will push on until his acquaintance numbers many of the small royalties of the world. To accomplish this good end various soil mixtures must be supplied.

However, over a large portion of the construction a general soil mixture may be used. This must be light and free in character, readily pervious to moisture so that the dread danger of winter damp is eliminated, while yet a supply of drink is kept for the thirsty roots in summer, and it must be sufficiently nourishing. The following formula answers these requirements in a satisfactory manner, enabling the plants to withstand both drought and excess damp with equanimity and supplying a proper amount of nourishment.

It is surprising to find how many types of plants, many indeed that grow normally under quite other conditions, accept and thrive upon this unaccustomed diet.

1 part garden loam, free from clay
1 part clean white sand
1 part leaf-soil
1 part stone chips such as are used in top-dressing roads

All these elements must be i and compounded thoroughly and filled in and bedded down amon hills and valleys to a depth least a foot. You will then be to entertain a great variety o sparkling Pinks and Poppies of mountains, wee silver-leaved niums and Erodiums, grey-t Androsace and moss-like Saxif small brilliant Primroses from heights, fragile Anemones and a sand more delights that never, in a full-bodied herbaceous b will you see hide nor hair of. ually it will have to be learne some plants require less sand and that some relish a diet of almost leaf-soil, that others crave a da lime with their food, and that others cannot abide it; that a gourmands delight in old fatty nure—thus do many of the fastic appearing Primroses—but for the part manure has no place in the garden, nor has clay. Clay hol sensitive roots in a cold and cl embrace in winter and bakes a pervious surface over them in mer, and neither of these indig will a proper rock plant suffer. nure gives them a too rich and s lating diet, which causes them t their engaging compactness and come leggy and without spirit.

A Heath for Some Heathl

Besides the areas provided wit general soil mixture, it is delight incorporate a number of other fe with soil to suit the plants that naturally occupy them. Of th little heath is easily made and pr tive of much charm and in Thereon may be housed the v varieties and species of Heathe Ling (*Erica* and *Calluna*). The of a very special charm and if a choice be made among them the will be in flower the greater pa the season. Here too will flouris shy and lovely Bird's-foot Viole intriguing *Iris verna*. The so quired is compounded of equal of peat and white sand, both of may be had of nursery supply by the bag or barrel. The situati the Heath should lie out in th shine and preferably upon a win land slope. Various *Scillas* m tucked in among the little bushes.

A dampish shaded corner sho dedicated to such royalties of ou woods as the Pink Moccasin Fl the Trailing Arbutus, the chaste barda, choice Trilliums, Shinleaf dwarf Cornel, and the glist Wintergreen. Examine the soil New England or Adirondack where great Oaks and Ever abound, and provide as close a r of it as is possible. You will nee white sand, rotted pine or he needles, rotted wood from h trees or old stumps, rotted oak This, well-mixed, makes a high soil, and in it the beauties name will thrive like the proverbial and out of it—in any other medi they will promptly die.

The soil for the meadow and

(*Continued on page* 156)

Water Automatically
OR HAND CONTROL



WHEN water is turned off, Drainage Drum automatically opens

TREE experts say that trees often lose their vigor and beauty because they do not get sufficient moisture—they starve for want of water. With the Brooks Invisible Sprinkling System your grass, flowers and trees are automatically supplied with life-giving moisture in generous measure. Without the aid of human hands, the Brooks System goes into action at any desired time of day or night. The sprinkler heads rise from the ground as if by magic. Lawn, flowers, shrubs and all other foliage are bathed in a gentle mist-like spray—just "like a London Fog." Then, the water is automatically turned off—sprinkler heads drop back out of sight—the patented drainage drum automatically opens underground and all trees on your grounds are *scientifically irrigated at the roots!*

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THE BROOKS BOOKLET tells you how the Brooks Invisible Sprinkling System insures vigorous trees, velvety lawns and beautiful flowers. If interested in automatic, scientific irrigation for garden, lawn or public grounds, write at once.

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The wonder golf grass—now available for private lawns



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It is rare because seed is not available except as a trace mixed with other grasses. This prevented the widespread use of Creeping Bent. But the U. S. Department of Agriculture found a way out, discovered that the chopped roots and stolons of the plant were ideal to use for propagation.

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A fine lawn can be produced in one season. The supply of stolons is limited, but Vaughan's after several years have produced a supply of U. S. Government strains which can be sold for private use.

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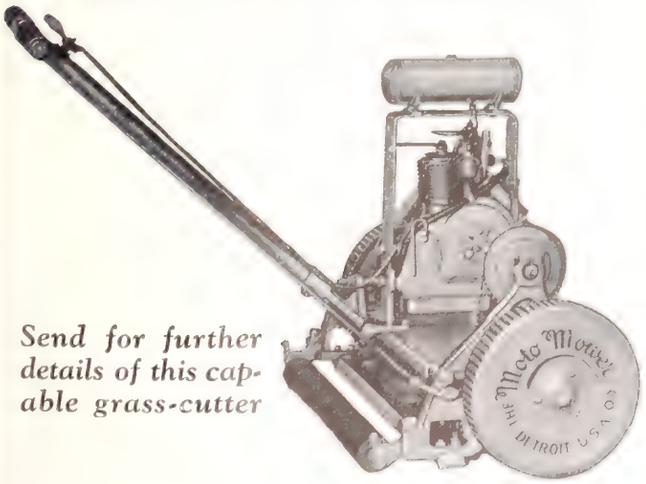
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S. L. ALLEN & CO., INC.

5th & Glenwood Ave. Philadelphia

Planet Jr.

WHAT IS A ROCK PLAN

[Continued from page 364]

Practically all of the plants mentioned in the above list—the ones I chose from—and well-known plants, like those mentioned—the Oxlips, the Cowslip, and the true Primrose, that which we see in the wild Primrose Banks, have not been mentioned. They like a rich and heavy soil, and that would spoil this list and make an impression of monotonous and stodgy. These only should be grown in a shaded, damp corner.

The planting of the stones for self-sown seedlings in the crevices of the ground

and the formula for what to plant them. In this way they will gradually change. But it must be remembered that hardiness is also much a matter of drainage and position. In a gardening diagram I plan with certain plants which would be hardy in one position in a garden but not in another.

The plants in the second list require the conditions of soil and moisture and temperature which the first would not have.

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Carefully propagated nursery-grown varieties for your garden

You can grow these blueberries yourself. Whitesbog offers you seven reliable varieties, *all carefully selected, tested and named.* The berries themselves are a delight—large, luscious, practically seedless. As for the bushes, beauty marks them through the seasons. Compact and symmetrical, they boast lovely blossoms, beautiful, heavy clusters of fruit, flaming autumn foliage and red winter twigs.

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BEST FOR THE HOME GARDEN

Require Half the Space of Ordinary Trees

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Our customers send in pictures of these trees because they are pleased!

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Send postal for our FREE catalog describing complete line of trees, ornamentals, shrubs, vines, etc.

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Read this letter from an enthusiastic customer

Van Dusen Nurseries,
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Gentlemen:

I received the three dwarf Scarlet Beauty apple trees and planted them April 25th. Pretty soon they bloomed and now they have all set apples. I am so pleased with them I thought I would tell you about their fruiting the first year. Everyone who sees them says they never saw anything like them. I will want more this fall.

Tennessee Yours truly,
June 2, 1924 S. T.

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The catalog is illustrated from actual photographs and shows many of the varieties in their natural colors. In addition each variety is fully described so you will have no difficulty in selecting just what you need. The catalog also gives definite, but simple, planting directions, so anyone can plant Maloney stock, and then it is bound to grow on account of the wonderful root system Maloney scientific culture has developed.

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and see how easy and inexpensive it is to beautify and increase the value of your home with Maloney stock. Have the satisfaction of doing your own planting. Remember everything you order is positively guaranteed in every way and you can have your money back if not satisfied.

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The 1925 Edition

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AT LAST you may secure a limited number of bulbs of the famous Lacinatus—the only real fringed Gladiolus yet available to the public. The supply is not large, so those who wish to order Lacinatus should order *now*—delay may mean disappointment. To know more about this exclusive Kunderd origination, as well as to become acquainted with the finest and most beautiful gladioli, write today for the new

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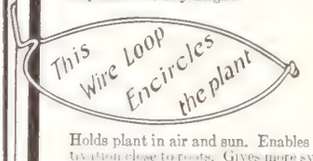
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18 inch	$ .85 per doz.
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Gladioli

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Joerg's White



The sensational 1925 Novelty, is undoubtedly the *Greatest White Gladiolus* ever produced. Many leading judges have even pronounced it *the largest of all Gladioli.*

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Another One with its original ten-ten grouping, making selecting and ordering so exceedingly simple.
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Besides which it tells you all about the wonderful Shaker Shaker, that seeds your lawn and fertilizes your flowers.

And for it now. Order early. Insure yourself extra pleasure.

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—and it's easy if you get the real nursery grown Blueberry plants. Yes, old fashioned Blueberries—just like Dad had on his "old farm down East."

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5 Wonderful Roses. Different Colors. Sure to please. HELEN GOOD, pink; PRESIDENT WILSON, rose; HOOSIER BEAUTY, crimson; MRS. AARON WARD, yellow; WHITE LA FRANCE, white. Mailed Postpaid to any address. Guaranteed to reach you in good growing condition **$1**

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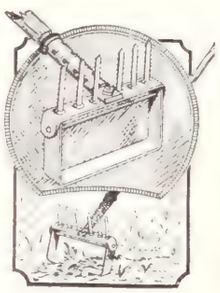
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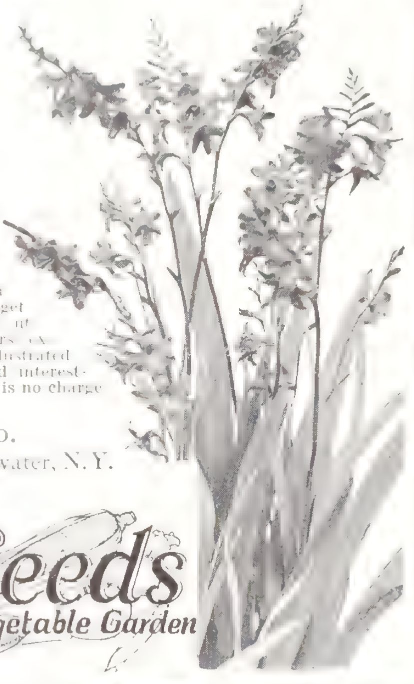
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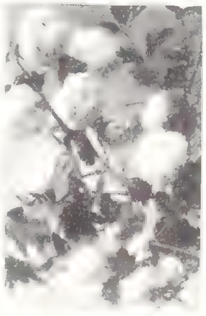
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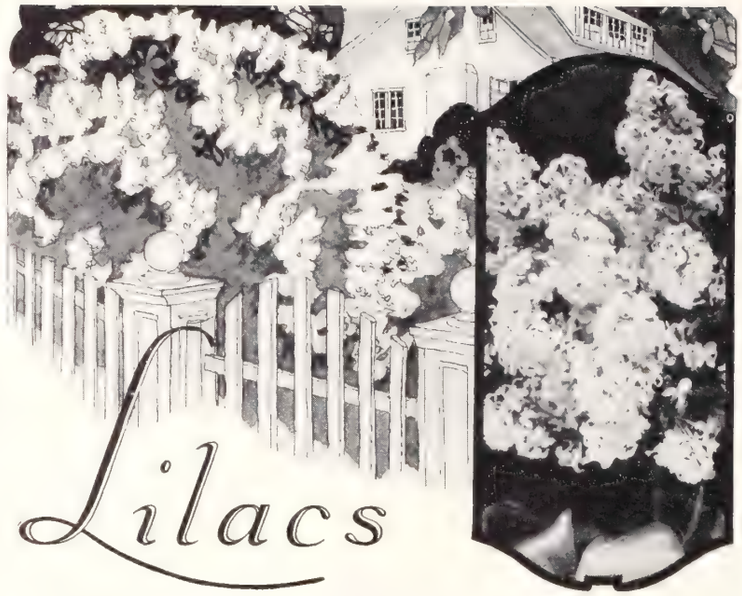
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Green's Catalog for 1925

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HOUSE & GARDEN



Spring Gardening Guide

March · 1925

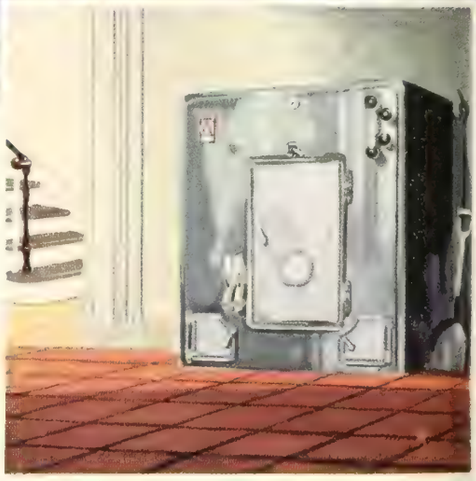
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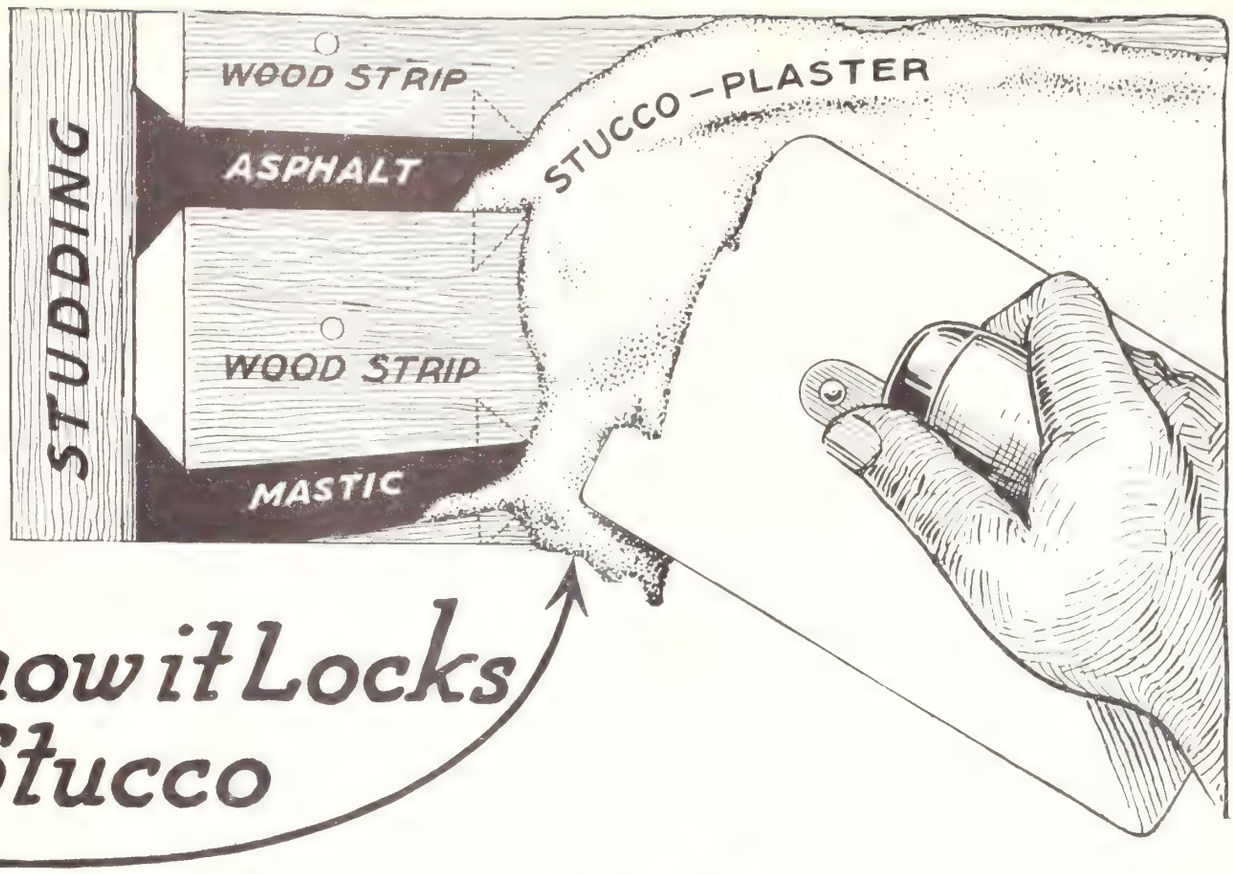
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Closed Cars *at virtually open car pric*

PRODUCING fine closed cars at virtually open car price, Marmon does not limit your selection to one type or attempt the impossible feat of standardizing beauty. Specifically, Marmon offers you

—a genuine, five-passenger Sedan, with four (4) doors, at only $130 more than the open car

—a genuine, five-passenger Brougham-Coupe, with four (4) doors at only $130 more than the open car

—a genuine, seven-passenger Sedan, with four (4) doors at only $205 more than the open car.

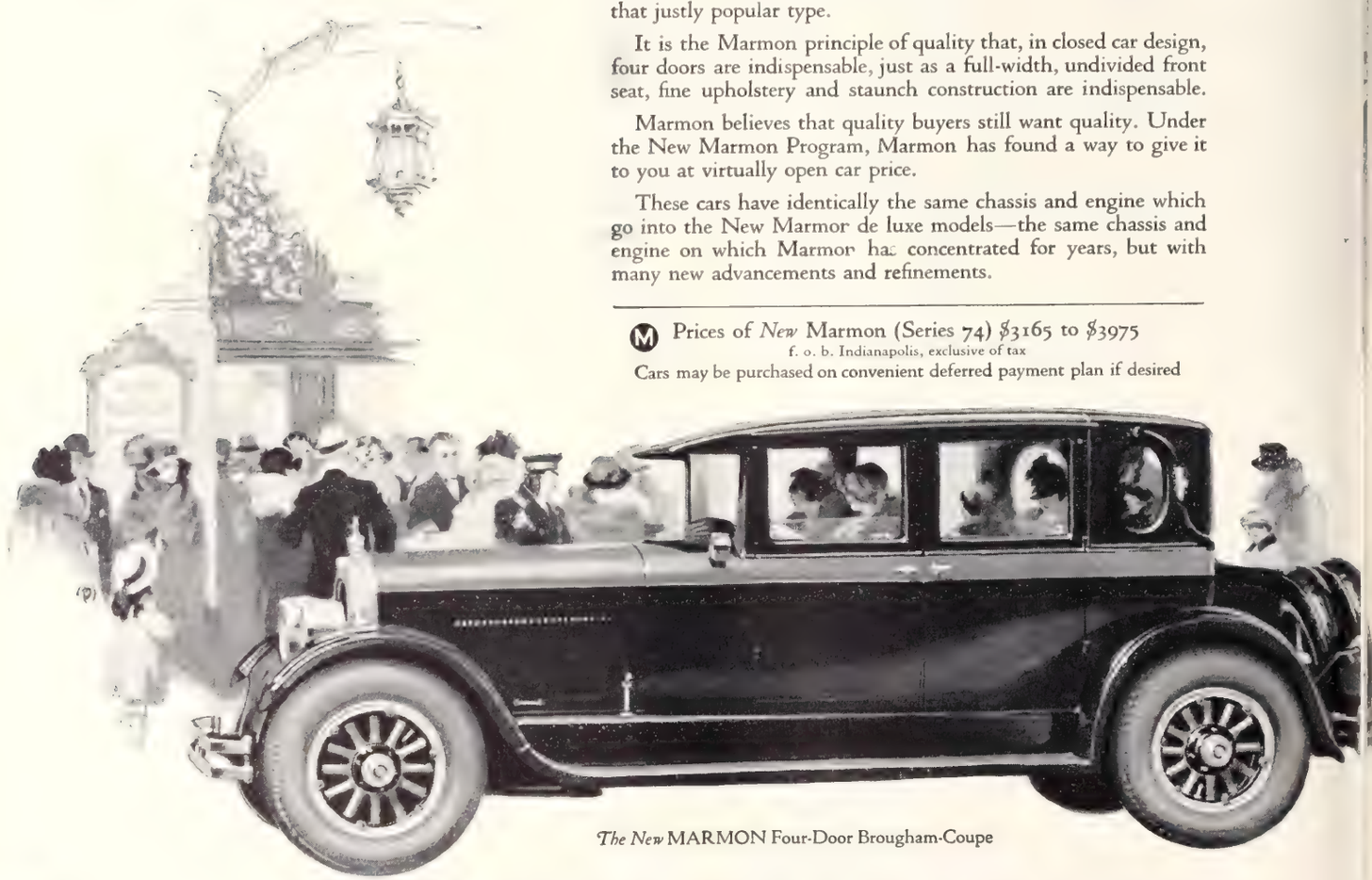
These cars are not "coaches" and should not be confused with that justly popular type.

It is the Marmon principle of quality that, in closed car design, four doors are indispensable, just as a full-width, undivided front seat, fine upholstery and staunch construction are indispensable.

Marmon believes that quality buyers still want quality. Under the New Marmon Program, Marmon has found a way to give it to you at virtually open car price.

These cars have identically the same chassis and engine which go into the New Marmor de luxe models—the same chassis and engine on which Marmor ha: concentrated for years, but with many new advancements and refinements.

Ⓜ Prices of *New* Marmon (Series 74) $3165 to $3975
f. o. b. Indianapolis, exclusive of tax
Cars may be purchased on convenient deferred payment plan if desired



The New MARMON Four-Door Brougham-Coupe

Ⓜ

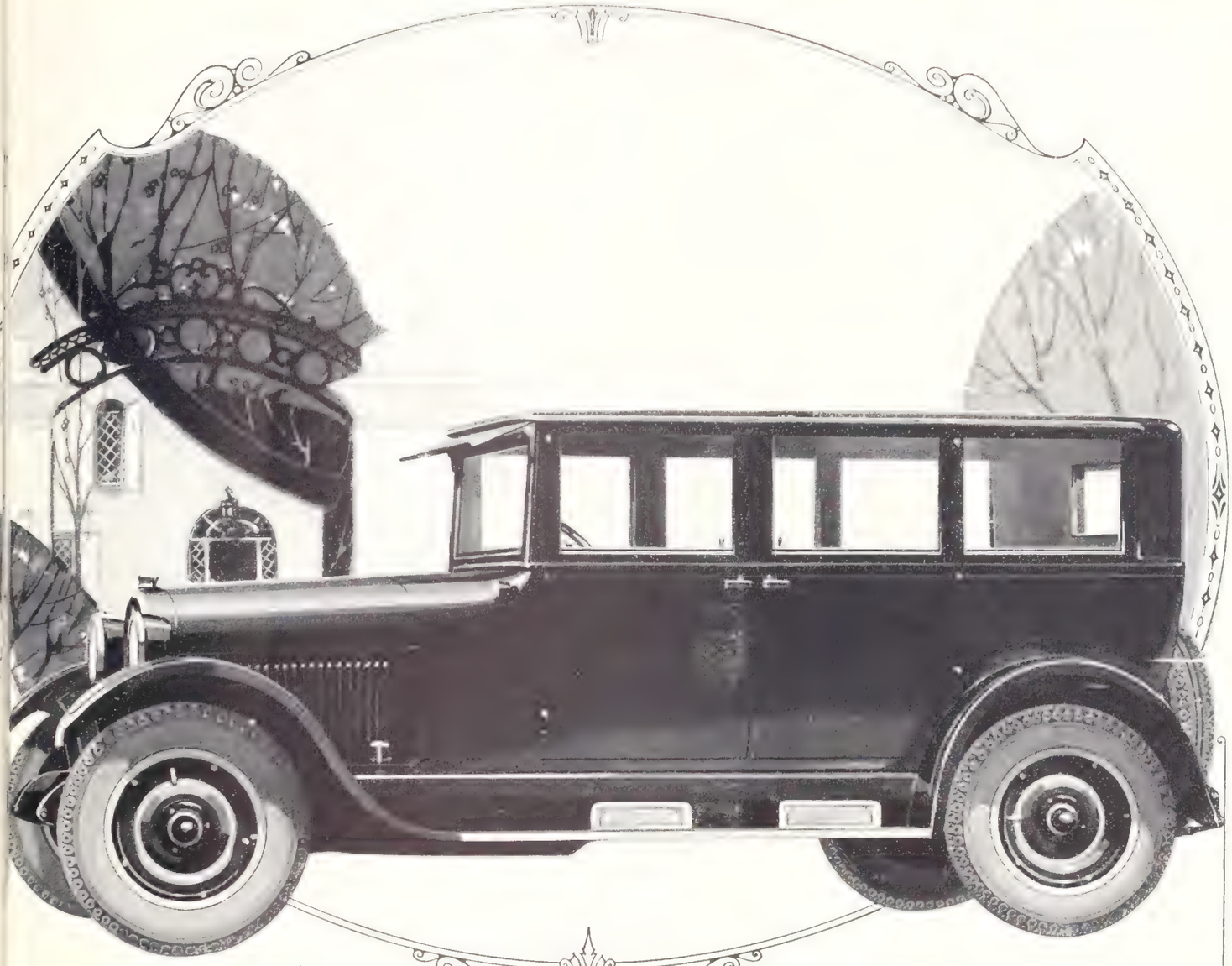
The NEW MARMON



Also—

A comprehensive selection of new de luxe body styles, permitting intimate expression of personal tastes.

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$1595

AT LANSING, PLUS TAX

20th Anniversary Reo Sedan

Combining full-size, four-door sedan convenience with the standard Reo T-6 chassis at the price of an open car

Standard Reo Chassis — 120 inch wheelbase — same as in all other Reo passenger car models. Genuine balloon tires. Four wide doors. Full size sedan spaciousness. Finely upholstered. Low-hung body, smartly designed and richly finished. Double-frame construction. Six-cylinder 50 h.p. engine. A Reo entirety, produced to commemorate Reo's twenty years of business life.

Reo Motor Car Company Lansing, Mich.

REO

The Gold Standard of Values



Body by Pierce-Arrow

You cannot mistake a Pierce-Arrow for any other car .... Those who take pride in their motor cars value this distinction .... It is wrought into *Series 80* bodies by craftsmen who have devoted years in the Pierce-Arrow plant to the creation of fine coach work .... Each of the seven beautiful *Series 80* body types is now offered in a wide range of new colors and upholsteries

Pierce-Arrow representatives are displaying the latest SERIES 80 *body styles*
Demonstrations are made at any time. A complete catalog will be sent upon request

THE PIERCE-ARROW MOTOR CAR COMPANY, *Buffalo, N. Y.*

Financing arrangements are offered by the Pierce-Arrow Finance Corporation, a banking institution

PIERCE-ARROW

Series 80 *Runabout*
$2895
at Buffalo-plus tax

BUILD THE NATION SECURELY WITH

INDIANA LIMESTONE

THE NATION'S BUILDING STONE

Interesting Facts About INDIANA LIMESTONE

Number Two

The quarrying of Indiana Limestone is a fascinating spectacle, where powerful hydraulic stripping machines rip off the top earth like autumn leaves before a gale; where chanelling machines with mighty thrusts cut great grooves into the stone; where huge derricks, with apparent ease, lift enormous blocks of stone from the quarries. When operations are in full swing, the country-side around Bedford and Bloomington, Indiana, forms a stupendous stage on which thousands of visitors each year witness a thrilling display of engineering skill.

STONE walls bring to a home the charm of old forgotten far-off things—ivied castles of other days, and dim cathedrals in distant lands.

Like the stone used in these storied walls, Indiana Limestone will impart to *your* home the same old-time, elusive charm. Its mellow richness of coloring, its smoothness of texture, its rugged endurance will make of *your* home a citadel of beauty and strength that will live proudly through the years.

A Portfolio of designs of Indiana Limestone houses will be sent upon receipt of 50c. Address, Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana.

Design No. 223. A charming modern-type home whose walls are faced with Variegated Indiana Limestone laid up as a random ashlar. A beautiful play of subdued colorings ranging from light gray to buff makes these walls distinctive.



parfums Caron

10 rue Se la Paix Paris



LE TABAC BLOND
(Fair Tobacco)

NUIT de NOEL
(Christmas Eve)

LE NARCISSE NOIR
(Black Narcissus)

CARON CORPORATION, 389 FIFTH AVE, NEW YORK

A NEW JERSEY HOUSE

problem presented to y's decorators was to make ed budget of $5,000 cover ything. The last Macy de- y wagon drove away just e newly married couple ar- l and found their home com- ly furnished.

NEW YORK CLUB LIBRARY

s is a room never entered by hen. Macy's decorators gave thoroughly masculine at- phere through the use of deep curtains and portieres, har- izing with Georgian furni-

BANKER'S OFFICES

NIFORM treatment was given hese offices by specially de- ed draperies for the directors' n, and window hangings and ains for the main office.

AN APARTMENT IN NEW YORK

MPLETE treatment was given Macy's decorators, including oom furniture, and all bed- ads, pillows and puffs; with peries, furniture coverings scarves throughout the other ns.

A HOTEL LOBBY IN NEW YORK

AST room was decorated with , benches, chests, console es, chairs. Window treat- nt consisted of draperies and ains.

STUDIO OVERLOOK- NG CENTRAL PARK

IS attractive setting was made e pleasant still by draperies, tains, and bedspreads.

OTHER NEW YORK APARTMENT

E so many other patrons of cy's furniture department, occupant of this apartment e to buy some furniture, and ained to enlist the services Macy's decorators in design- all window treatments, and buying lampshades and slip ers.



INTERIOR DECORATING

You have two great advantages in Macy's successful Department of Interior Decorations ... You will secure, first, the services of decorators who have had distinguished experience before Macy's opened this department. And second, you will have the advantage of Macy's lowest prices for the furnishings which you buy ... It is a happy combination of high ability with lowest cost ... The random examples printed on this page will surely suggest a way in which you can profit from this service.

R. H. Macy & Co. Inc.
34th ST. & BROADWAY NEW YORK CITY

A BANK IN CONNECTICUT

PRELIMINARY treatment for this new building included casement cloth curtains, designed in accordance with standards created by the new uptown branches of several of New York's principal banks.

A HOUSE ON LONG ISLAND

HERE, with no limitation upon expenses beyond a sensible thrift, Macy's decorators have designed and installed window draperies and shades, and have purchased most of the furniture, along with carpets and awnings.

RECEPTION HALL AND FOYER OF NEW APARTMENT HOUSE

BECAUSE apartment houses are judged, at least in part, by the appearance of their entrance halls, Macy's decorators gave this foyer a harmonious arrangement of wall hangings, mirrors, floor coverings, console table and chairs.

RESTAURANT IN ALBANY

THE principal charm of this room is found in the window draperies executed under the supervision of Macy's decorators; a detail which has an unconscious influence upon the pleasure of its guests.

A HOUSE IN NEW YORK

FINDING out a year ago that Macy's had established a department of interior decoration, the owner of this new house placed all serious details of its furnishing in the hands of Macy's staff, and accepted their advice on placing both old and new furniture.

A SCHOOL IN A SMALL TOWN ON LONG ISLAND

ATTRACTIVE stage curtains had to be purchased for a long expected student performance and Macy's interior decorating department was entrusted with the assignment.



Vladimir de Pachmann *loves* the Baldwin piano. Through the medium of Baldwin tone, this most lyric of contemporary pianists discovers complete revealment of his musical dreams. For a generation de Pachmann has played the Baldwin; on the concert stage and in his home. That loveliness and purity of tone which appeals to de Pachmann and to every exacting musician is found in all Baldwins; alike in the Concert Grand, in the smaller Grands, in the Uprights. The history of the Baldwin is the history of an ideal.

". . . It cries when I feel like crying, it sings joyfully when I feel like singing. It responds—like a human being—to every mood. I love the Baldwin Piano."

V. de Pachmann.

Baldwin

A request by mail to the nearest Baldwin showrooms, as listed below, will bring you complete information regarding models and prices.

THE BALDWIN PIANO COMPANY

CINCINNATI CHICAGO NEW YORK INDIANAPOLIS LOUISVILLE ST. LOUIS DENVER SAN FRANCISCO DAL



Photo by Scandlon

The Charm of a Secretary

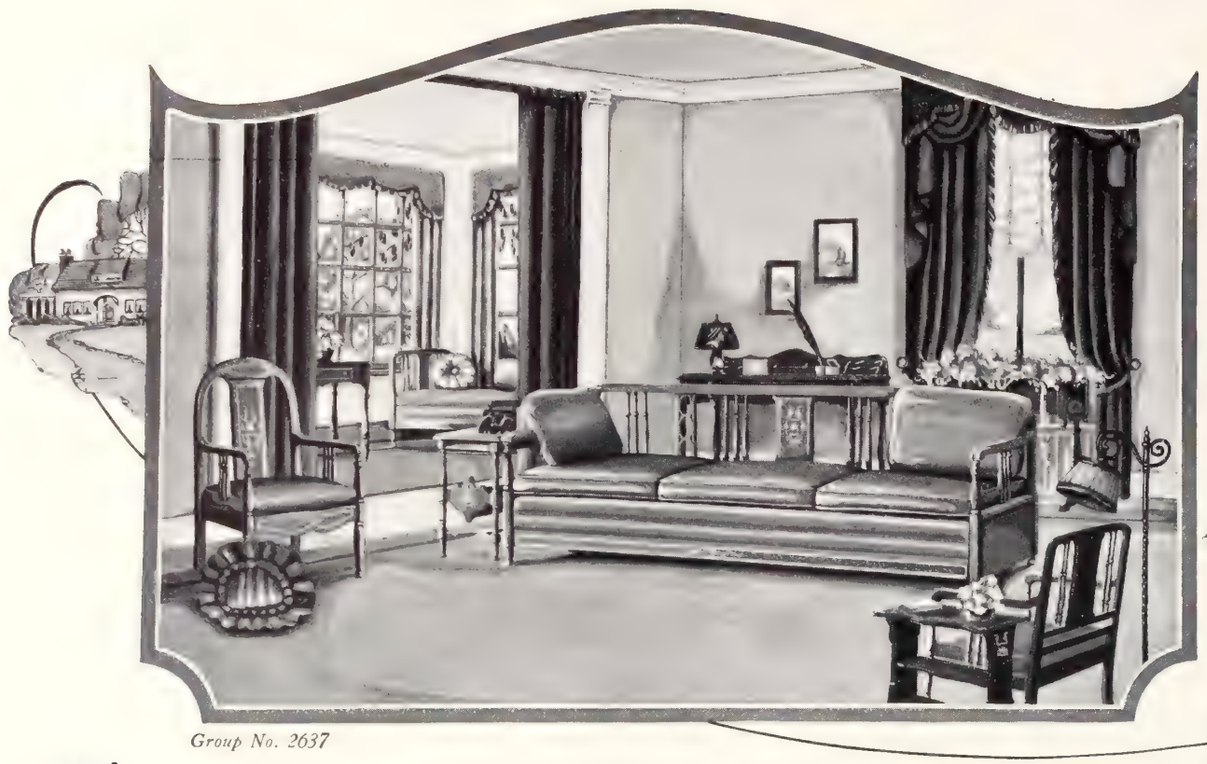
This well-designed secretary, by its beauty and grace of line, becomes the keynote of the room that combines comfort and charm. It is one of many fine copies of old secretaries in the *Lord & Taylor* collection that have all of the distinction of the earlier pieces.

SIXTH FLOOR

Lord & Taylor

FIFTH AVENUE · NEW YORK

PULLMAN
DAVENPORT BED



Group No. 2637

Where the Spirit of Home Is Found

Colorful beauty plus satisfying comfort are the two features that identify the spirit of home with this Pullman-equipped living room.

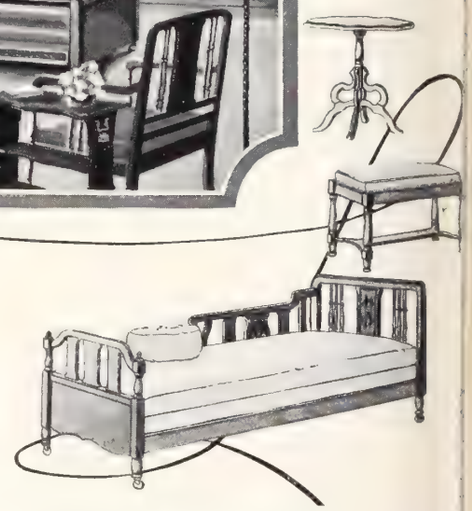
The several pieces of furniture, each an example of rare design and master craftsmanship, are finished in tasteful two-tone enamel and hand-decorated.

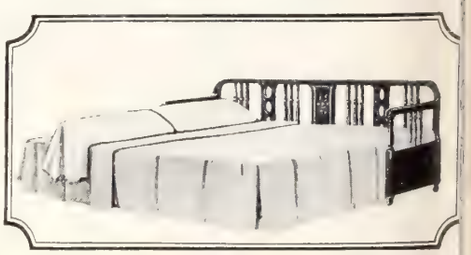
Your local furniture dealer will show you the complete Pullman line of davenports and davenport bed suites, revolving-seat day beds and chaise longues, as well as the equally popular assembly of hand-decorated pieces. As illustrated in the above setting, this decorated group includes desks, consoles, gate leg, tilt top and davenport tables, book troughs, magazine racks and ferneries.

We shall be glad to send at your request an interesting booklet on interior decoration

PULLMAN COUCH COMPANY

CHICAGO Pullman DAVENPORT BED Comfort ILLINOIS





The davenport bed, day bed and chaise longue illustrated are equipped with the Pullman revolving-seat bed fixture. Immediately above is shown a Pullman ready for night-time duty.

A single operation—a simple turning of the seat—has converted this beautiful piece of daytime furniture into a full size restful bed.

A yielding and restful sleeping surface with a regular bedspring and removable mattress is thus provided. This and the bedding are hidden within the davenport when not used as a bed.

Pullmans with chairs to match may be purchased either with or without the bed feature.

KENSINGTON FURNITURE

AWARDED GOLD MEDAL OF HONOR IN NATIVE INDUSTRIAL ART
39TH ANNUAL EXHIBITION ARCHITECTURAL LEAGUE OF NEW YORK
FEBRUARY 1, 1924



AMERICAN HEPPLEWHITE MAHOGANY SIDEBOARD, *by Kensington*

THE craftsmanship that produced our distinctive Colonial architecture is equally evident in the charming American Hepplewhite sideboard illustrated. It represents the highest development of American cabinet-making, and eloquently expresses the simple dignity and quiet charm we associate with the old New England home.

By cleverly recessing the cupboard and placing the sexagonal center legs so as to follow the smoothly flowing line of the body, the old craftsman secured the ample accommodation demanded by our practical ancestors without sacrifice of grace or beauty of proportion, while the restrained and beautifully executed inlay-work gives a refinement and charm of color that delightfully complete the design.

Made by hand throughout of beautifully figured mahogany and finished in the rich warm tones of old wood to withstand both heat and dampness, this Kensington reproduction is comparable in beauty only with the best of old work, and for practical considerations it is decidedly preferable to the antique.

Kensington Furniture is made in all the decorative styles appropriate for American homes

The products of Kensington Furniture may be arranged through your decorator or furniture dealer

KENSINGTON MFG COMPANY
MANUFACTURERS AND IMPORTERS
DECORATIVE FURNITURE & ART OBJECTS
NEW YORK

Write for illustrated Booklet H and pamphlet, "How Kensington Furniture May Be Purchased"

SHOWROOMS, 41 WEST 45TH STREET, SIXTH FLOOR



CAPITOL BOILERS
UNITED STATES
RADIATORS
INSTALLED BY
C.A.S ION CO.

Capitol

A Capitol Boiler and United States Radiators will increase the market value of any building. Real estate men have clearly established this fact in selling both new and old properties.

No one, of course, wants to experiment with so vital a matter as heating equipment. So the sensible man looks for elements of reliability and economy that he can *depend* upon, and finds them in the Capitol name plate.

Behind United States products there are thirty-five years of manufacturing experience, a nation-wide organization of heating specialists, and the broadest written guarantee in the industry.

As any architect or heating contractor will tell you, all of these are factors that you can *rely* upon. They mean positive and final assurance that you can buy no better boiler than a Capitol.

We shall be glad to send you an illustrated booklet which fully explains the modern idea in house heating.

UNITED STATES RADIATOR CORPORATION
General Offices, Detroit, Michigan

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*Warehouse stocks carried at points indicated by star.

Boilers



When you build your home you start a voyage

Some facts to guide you

WHEN you build a home, you hope to discover satisfaction from the start. You expect to discover satisfaction every day and every year. Lehigh Portland Cement Company holds out principle as "chart and compass" to guide you past all dangers to the permanent satisfaction you seek.

If you see tempting ways to lower the first cost—make certain you will not later spend more in annual repair bills.

How to get permanent satisfaction, whatever you build

[1] Get dependable materials

...ration for dependable ... Lehigh Cement ... st-selling cement in the world. Last year, contractors, ...neers, architects and owners used over 68 million sacks.

... buying building materials remember this point:

...he dealer who insists on carrying Lehigh for you, often ... so in the face of constant pressure to offer you the ... as good" brand. Is it not reasonable to expect a dealer ... is type to protect your interests in other ways also by ...ling a line of thoroughly dependable materials? Let the ...and-white Lehigh sign guide you to a reliable dealer.

[2] Get competent workmanship

Even with the best materials you can get poor results unless you secure competent workmanship.

A good contractor will save you money through skillful building economies. He will put quality both where it can be seen at the start and also where it will be noticed for its low repair expenses in the years to come.

A point to remember in choosing a contractor:

The contractor who insists on dependable materials is likely to hire competent help and to put skill and dependability into all that he does.

LEHIGH PORTLAND CEMENT COMPANY

ALLENTOWN, PA. ... SPOKANE, WASH.

New York ... Philadelphia ... Minneapolis

...ook for this blue- ...d-white Lehigh ...gn, known from ...ast to coast, the ...ark of the reli- ...ble dealer. He ...lls permanent ...tisfaction.

LEHIGH CEMENT

...HE NATIONAL CEMENT — *16 Mills from Coast to Coast*

Make Concrete of LEHIGH CEMENT for Permanent Satisfaction

...
Barns—*to save paint bills*
...
Cellar floor—*to keep dry, clean*
Cisterns ...
Clothespoles—*to prevent rot*
Cold-frames and Hot Beds—*for early plants*
Drains—*for permanent improvement*
Driveways ... *upkeep*
Farm buildings and improvements—...
Fence posts and rails—*to save money*
Floors—*for economy*
Footings—*to save old buildings*
Foundations—*for permanence*
Fountains—*for attractive appearance*
Garages—*for greater fire safety*
Garage floors—*for highest utility*
Gate posts—*to avoid repairs*
Gutters—*for better drainage*
Homes ... *(ask for our special home book)*
Lamp and sign posts ... *for beauty and utility*
Pergolas ...
Porches and porch posts—*for economy*
Poultry houses ... *for permanent, sanitary floors*
Remodeling—*for charm, comfort, value*
Roof (*tile*) *for beauty and low upkeep*
Sand boxes and wading pools—*for clean, permanent playgrounds*
Septic tanks—*to prevent sickness*
Sidewalks—*to keep houses clean*
Stairs and steps—*for permanence*
Stucco—*for beauty and low upkeep*
Swimming pools—*for clean swimming*
Tennis courts—*for accuracy, dryness*
Tree surgery—*to save good trees*
Urns and flower boxes—*for decoration*
Walls—*for permanent protection*
Water tanks—*to protect water supplies*
Well covers, linings and platforms—*for permanence and sanitation*

FREE booklets!

If you want information on any of the above, check the subjects in which you are interested, sign your name and address, and mail to us or to your Lehigh dealer. You will receive, free of cost, our bulletins and booklets containing complete details.

Name .....

Address .....



Whether it be an unpretentious cottage or an impressive mansion, whether exposed to the heavy snows of the mountains or the moisture-laden air and windblown sand of the shore, spouting and roofing of Horse Head Zinc will protect it as long as the building lasts.

Zinc cannot rust. It need never be replaced. When your buildings are equipped with conductor pipes, gutters and roofing made from Horse Head Zinc, you have installed the most economical of all permanent metals.

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Products Distributed by
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The Great Jordan Line Eight Sedan



"Hartford-Saxony" Rugs

REGISTERED U.S. PATENT OFFICE

Made exclusively by the Bigelow-Hartford Carpet Company at their mills in Thompsonville, Conn.

The heir of a century's rich experience

THIS month the thirtieth President of the United States is being inaugurated. One hundred years ago, when John Quincy Adams, the sixth President, took his oath of office, the Bigelow-Hartford Carpet Company was born.

All of these hundred years pay tribute to every "Hartford-Saxony" rug we weave. No finer floor covering fabric ever has been produced in America. The art developed by a century's progress, the skill acquired by four generations' constant striving for perfection, the unrivalled reputation of this pioneer Company, all play their parts in making "Hartford-Saxony" rugs the highest modern development of rug-weaving.

As you step on a "Hartford-Saxony" rug you instantly become conscious that this is a very different kind of rug from any other you have ever known. It fears no wear; its soft pile and rich colorings give it a luxurious charm that makes its moderate price a source of wonder.

We make "Hartford-Saxony" rugs in twenty-eight stock sizes, from 22½ in. by 36 in. to 11 ft. 3 in. by 24 ft., and special sizes can be made to order. Most reputable dealers carry these rugs, but if you have any difficulty in procuring them our New York office will gladly see that you are supplied. The full line can be seen at any of our showrooms.

Write for our new illustrated booklet on "Hartford-Saxony" rugs.

LOOK FOR THE FULL NAME "HARTFORD-SAXONY" WOVEN IN THE BACK OF THESE RUGS AS A GUARANTEE OF QUALITY.

Bigelow-Hartford Carpet Company

ESTABLISHED 1825

NEW YORK	385 Madison Avenue	SAN FRANCISCO	770 Mission Street
CHICAGO	14 E. Jackson Blvd.	PHILADELPHIA	1015 Chestnut Street
BOSTON	90 Bedford Street	DETROIT	Book Building, Washington Blvd

The "Hartford-Saxony" rug illustrated below is
Pattern 1200
Color 6

The most conspicuous spot in the room

-yet the easiest to keep *lovely*

THE MOST conspicuous spot in the room—the windows, where the light comes in. And hence, decorators say, where the beauty of the room begins.

To your windows, therefore, look for your *motif*, for the dominant note of your interior scheme. Plan there *first* the loveliness you want your rooms have.

Begin with the window shades—and choose with care. They can add so much the effect you want.

Window shades of lasting beauty

With your color scheme in mind, choose with care as to tint. And for *lasting* beauty, for window shades that will keep their loveliness, choose with care to *kind*.

It is easy to keep your windows lovely with shades of durable Brenlin. Over years of enduring service they retain their fresh color and smooth finish.

Unlike ordinary shade cloth, Brenlin has no brittle filling of chalk or clay to crack and fall out, causing unsightly cracks and pinholes that show in glaring relief against the outdoor light.

Strong and flexible, much like finely-woven linen, Brenlin has weight and body enough to keep it always straight and smooth.

Brenlin resists the constant strain of rolling and unrolling, the jerking and snapping of the wind. Rain will not discolor it as it discolors shades of inferior quality. And its tints, applied by hand, resist fading in the sun.

Brenlin wears two or three times as long as the ordinary shade, yet it costs only a few cents more. It may be had in soft, rich colors to harmonize with every interior scheme. Brenlin Duplex, with a different color on each side, will blend with both interior and exterior. The name Brenlin is embossed or perforated on the edge of every Brenlin shade. *Be sure it's Brenlin when you buy.*



Scratch a [illegible]

HAND MADE **Brenlin**
the long-wearing WINDOW SHADE *material*



Beauty begins where the light comes in!

Mail coupon for valuable new booklet

[illegible] a new booklet, "Making the Windows Beautify Your Home," which you will find exceedingly interesting and helpful in planning your interior schemes. This book is generously illustrated with pictures in colors and contains scores of ideas that will help you secure the lovely [illegible] your home.

Written in collaboration with interior decorators, its subject matter is authoritative and correct. The coupon below will bring you this 25c book for 10c together with free samples of Brenlin in different colors. Address Cincinnati.

THE CHAS. W. BRENEMAN CO.
"The oldest window shade house in America"

2415 Reading Road, Cincinnati, Ohio — 6th St. at Chelton Ave., Camden, N. J.

Dealers may also be supplied by

Breneman-Horan Co., Inc.	New York City
Breneman-Paschal Co., Inc.	Dallas, Texas
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S. A. Maxwell & Co., Inc.	Boston, Mass.
Rauch & Garner	Baltimore, Md.
Renard Linoleum & Rug Co.	St. Louis, Mo.

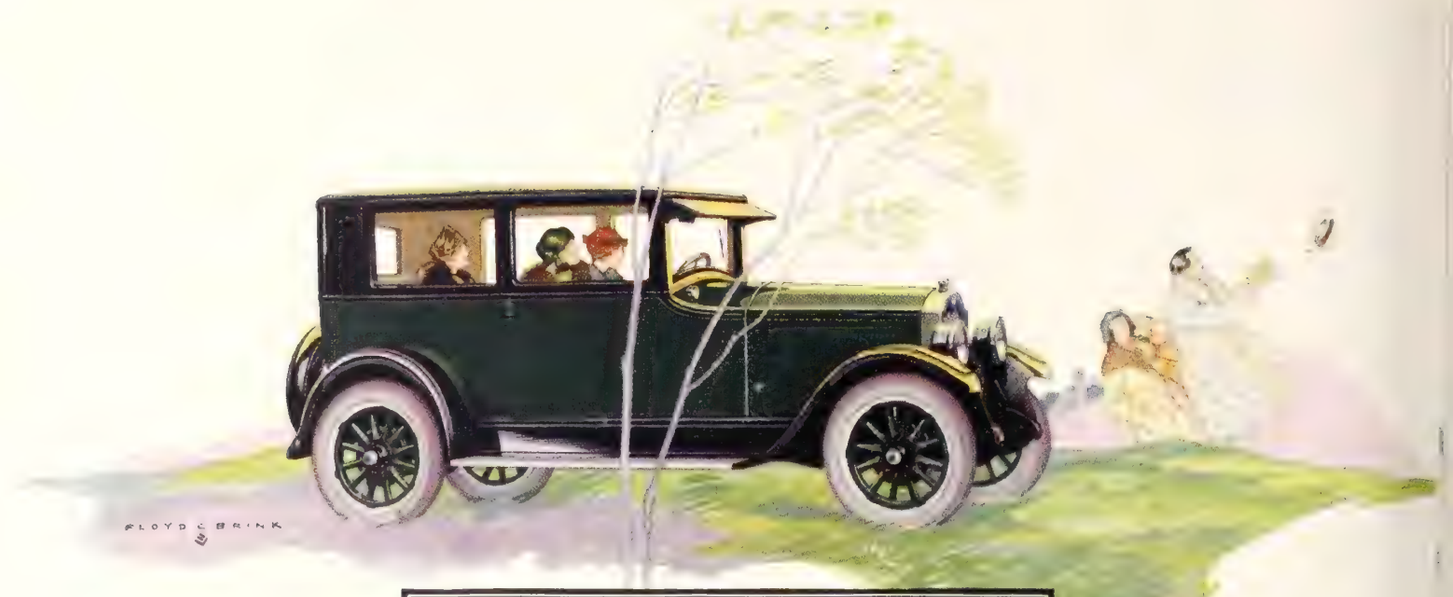


THE CHAS. W. BRENEMAN CO.
2415 Reading Road, Cincinnati, Ohio

Enclosed find ten cents (stamps or coin), send me your new booklet *Making the Windows Beautify Your Home*, together with [illegible]

Name .....

Street ..... City .....



Only Buick Could Give You Such A Coach

Only Buick has the resources and the volume to give you such a car as the Buick Coach at such a moderate price. This Coach is a real Fisher Body closed car—luxurious and sturdy.

It seats five in roomy comfort. Graceful body lines. Duco finish in attractive colors. Two wide doors for entrance or exit without compelling front seat passengers to get out. Deep, comfortable seat cushions. The new Fisher V. V. one-piece ventilating windshield. And a host of other body refinements!

And this Coach has the Buick Chassis with all of those outstanding features of performance that result from Valve-in-Head Engine, Sealed Driving Units, Buick 4-Wheel Brakes and Cantilever Rear Springs.

Drive out to meet the springtime in this new Buick. You will enjoy both quality and price of the Coach *as Buick builds it.*

Standard Coach	-	**$1295**
Master Coach	-	**1495**

Prices f. o. b. Buick Factories; government tax to be added. Ask about the G. M. A. C. Purchase Plan, which provides for Deferred Payments.

BUICK MOTOR COMPANY, FLINT, MICH.

Division of General Motors Corporation

Pioneer Builders of Valve-in-Head Motor Cars

Branches in All Principal Cities—Dealers Everywhere

Canadian Factory, McLAUGHLIN-BUICK, *Oshawa, Ont.*

Buick

WHEN BETTER AUTOMOBILES ARE BUILT
BUICK WILL BUILD THEM



ECONOMY in floors is dependent upon durability and maintenance

The designs in plain colors, veinings and mottled effects run through the entire depth of the reinforced rubber. Thus, the beauty does not fade or wear off but rather improves with each year of use.

Stedman Flooring has no maintenance cost, as it requires no waxing, oiling or other surface treatments — proper washing is the only care necessary; in fact the cost of installation is the only cost.

Thus, the installation of Stedman Flooring is an actual floor economy.

Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

We will be pleased to send you prices and tell you how Stedman Floors can be obtained for one room or many.

J. H. Stedman
NATURIZED FLOORING
PATENTED

STEDMAN PRODUCTS COMPANY

"Originators of Reinforced Rubber Flooring"

SOUTH BRAINTREE, MASSACHUSETTS

Agencies in principal cities — *See local telephone directory*

Direct Branches

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Stedman

REINFORCED RUBBER FLOORING

Now-oil heating *is a proved success*

SCIENCE has found the right way to heat with oil. And proved it for six years. This way is radically different from the old-fashioned methods. It will interest you to see this oil burner that has solved the problem. You need know nothing of mechanics to understand it.

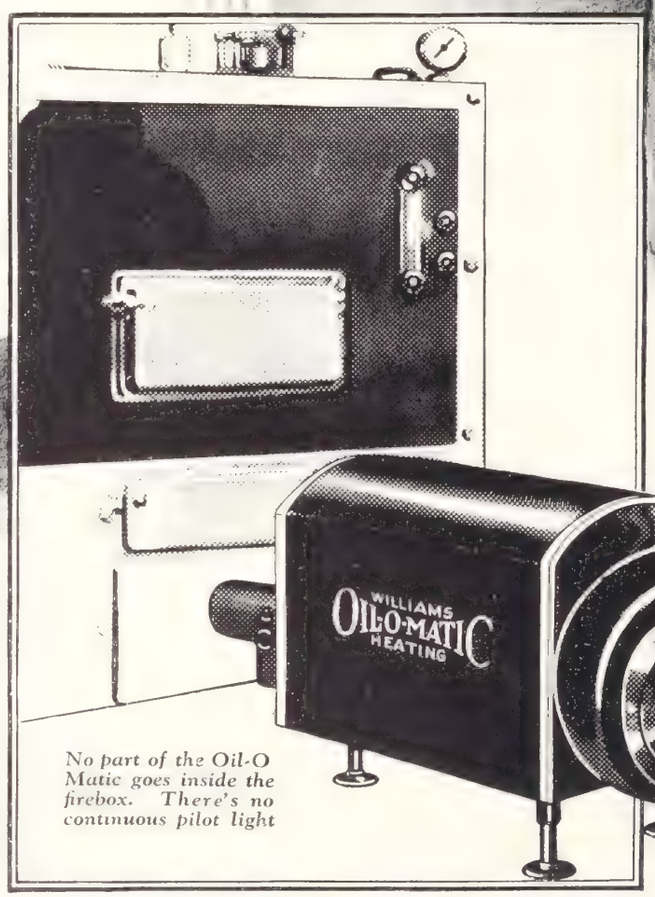
So far as the 20,000 present owners are concerned there is no heating problem. Their homes are always exactly the temperature they enjoy. They see no dirt or dust. They hear no unpleasant noise. They know it is dependable. You, too, will have this experience when you heat your home this scientific way.

One right way to burn oil

Four new facts about oil burning were first used by our engineers six years ago. They are the now famous four natural laws. They explained the difficulties others were having in trying to burn oil.

So we built an oil burner in accordance with those laws. For six winters, now, Oil-O-Matic has answered every demand in thousands of homes, large and small.

When you buy an oil burner see that it agrees with these laws.



No part of the Oil-O Matic goes inside the firebox. There's no continuous pilot light



"Our house is so comfortable when we get up that we forget how cold it is outside for Alice. Our nurse girl always has to remind us."

It is this way of burning oil that has made the use of fuel oil really successful for heating homes. It is the method found in Oil-O-Matic. Ask to see a demonstration.

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There are other features that make Oil-O-Matic different from any other device that burns oil. It will interest you to see them.

We originated and perfected five years ago the Williams Thermal Safety Control. This positive device watches over your entire plant. Oil-O-Matic can't run at all unless it runs right. Not a drop of oil can flow. The motor is stopped. Ignition is shut off. Engineers say this control is the greatest advance in oil burner construction since our application of the four laws.

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So this perfected way, approved by leading combustion engineers, ends all doubt. Now no one need be without the comforts of oil heating. Oil-O-Matic can be installed in any good heating plant. Steam, hot water, vapor, hot air.

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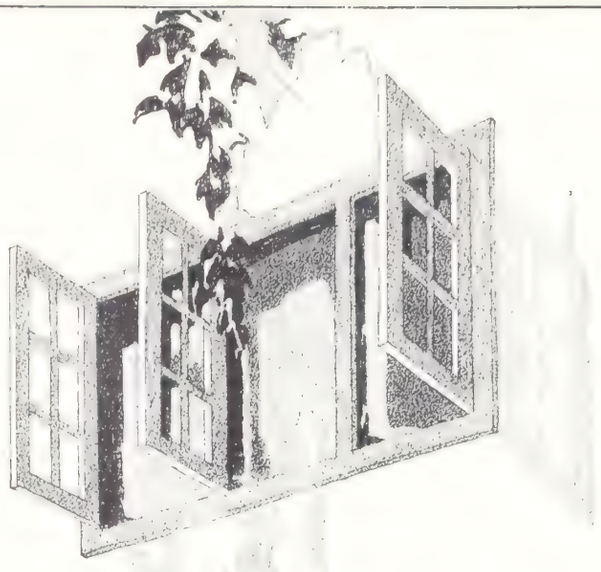
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The Pick o' the Pines





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If your door and window screens are trim and taut, free from sags and bulges, they are probably made of Anaconda Bronze.

For forty years The American Brass Company has supplied leading screen manufacturers with Bronze Screen wire and Bronze screens twenty years old are still in service today.

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A PAGE OF NEW REPUTATIONS

in April Vanity Fair

DOES a slim dancer set a blasé night club frantic? Vanity Fair knew her when she was second from the end. . . . Does an unknown young baritone bring the Metropolitan down in salvos of applause? Vanity Fair is in a box. . . . Does a famous novelist suddenly turn famous playwright? Vanity Fair read the manuscript. . . . In fine, Vanity Fair knows the rising stars while they still have a little nebular dust on their wings; it often predicts their future before they know it themselves.

April Vanity Fair will have a page of New Reputations—the people who have stopped this season's show—the people whose names will be on everyone's lips tomorrow. Illustrated and captioned with Vanity Fair's authentic touch. Why not know about them today?

Every number of Vanity Fair is edited for people who see the social and business value of being up to date. It is an insurance against that lagging behind the times that is the first deadly step toward middle age. Its staff of experts lead the array of those who refuse to bore or to be bored.

If you go to the Theatre; and like Golf; and play a little Bridge; and don't shy at Art; and are keen on Cars; and admire good Dancing; and have an eye for beautiful Illustrations; and appreciate Literature; and follow World Affairs; and consider your Clothes; and keep up with Sports—then you can't do without Vanity Fair.

Its pages are a resumé and a forecast of conversation at clubs, at smart cafés—wherever talk is nimble and interesting. *Can you afford* to be a back number, a gloom, when Vanity Fair can be had at this

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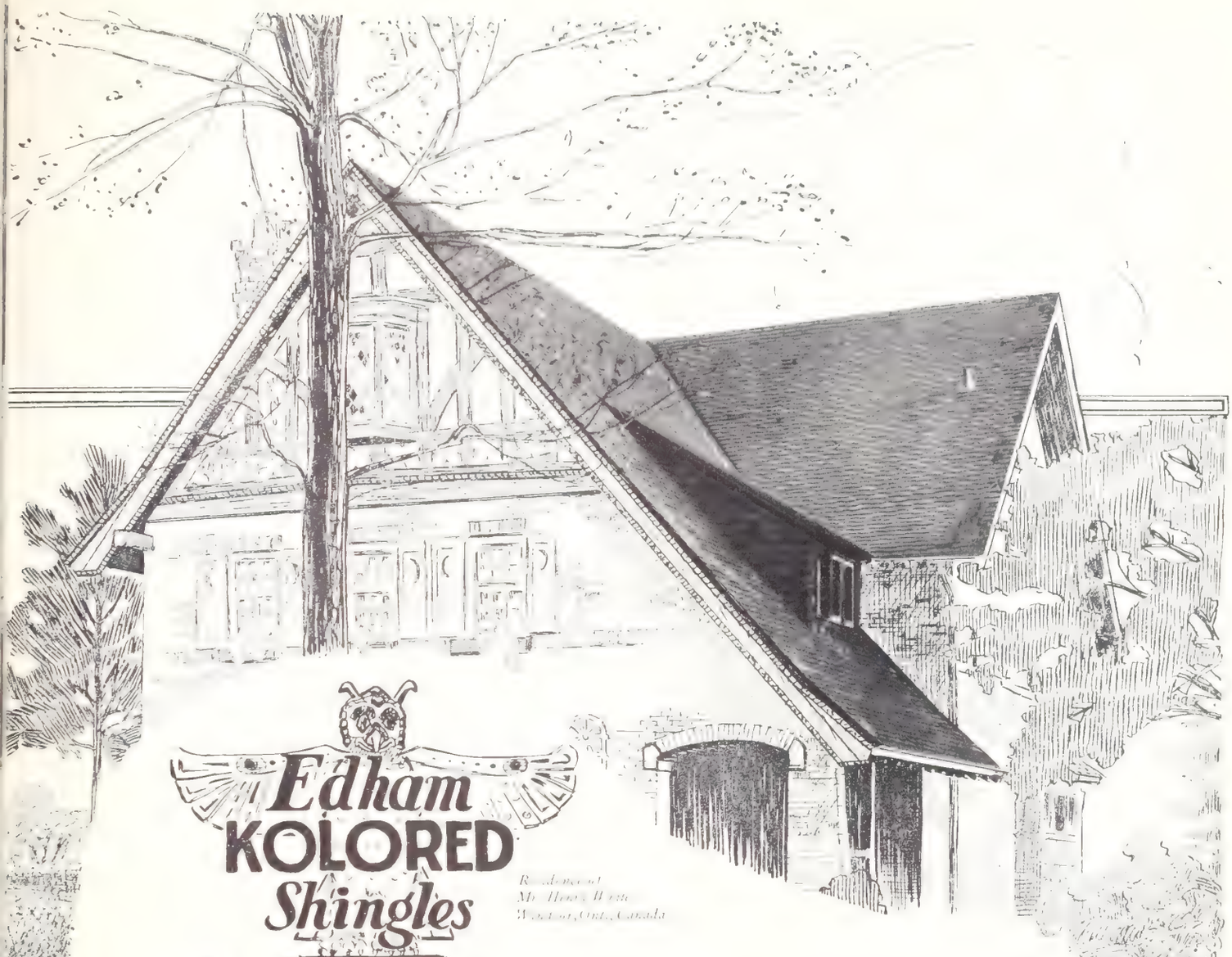
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H & G. M. 3-25

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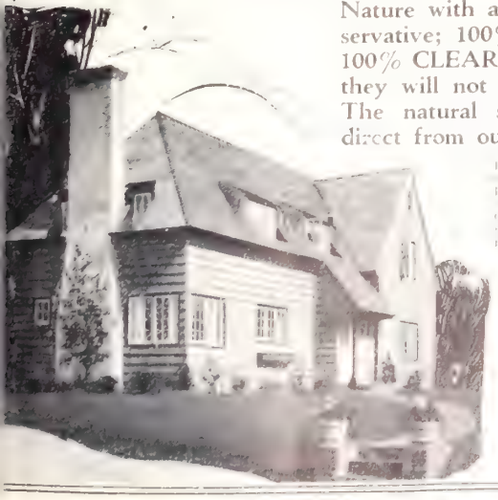
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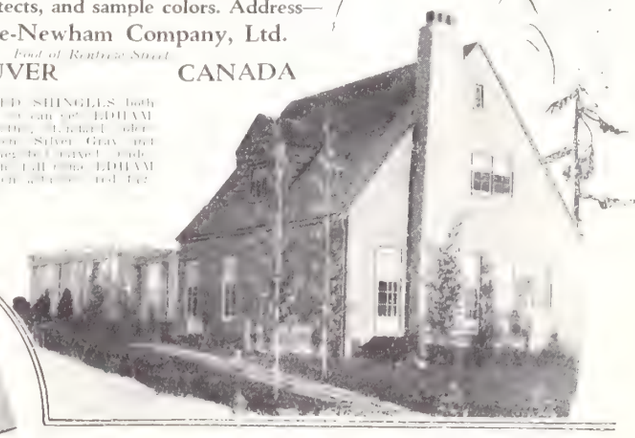
They are made in our own Mills, from British Columbia Red Cedar—a wood endowed by Nature with a time-resisting preservative; 100% EDGE-GRAIN; 100% CLEAR; 100% HEART—they will not warp, cup or curl. The natural shingles are taken direct from our Dry-Kilns to the staining baths; the shingles are still warm and thoroughly dry, with the pores of the wood open and receptive to color. Each shingle is stained SEPARATELY and INDIVIDUALLY (not in bundles), from tip to butt. Being thoroughly dry, the color penetrates in the same manner that dye colors cloth. The color pigments are the strongest obtainable, ground in pure linseed oil and suspended in a vehicle of highly refined pure creosote preservatives and "binder." The result is colors that are rich and soft in tone and, above all—DURABLE.

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The woodwork in this entrance hall is Curtis-made. It has all the thoroughness of early English construction. It will last for generations. This hallway has received mention in magazines as being a typical example of a beautiful English hallway. You can have any of these features in your home at reasonable cost.

THERE IS A GROWING DEMAND FOR ENGLISH INTERIORS

THERE are many districts in this country where the English type of architecture is in high favor. We know that there is an increasing demand for interior woodwork of English design. We went around the country with a photographer and took some pictures of Curtis-made English interiors so that the readers of this magazine could see how beautiful they look.

With the rest of the furnishments in harmony they made exceedingly comfortable rooms. There is a charming dignity and a substantial look of permanence about it that appeals to people who are conscious of family pride.

You will be proud to possess a home with Curtis English Woodwork because the wood is so sturdy in character and so well put together. You get that look of permanence so necessary in this type of woodwork.

Good woodwork like this never fails to add to the estimated dollar-value of a house. After all, the woodwork is about all the eye sees in the interior, after building is completed. You can't overestimate its value. This is no place to skimp. You *need* the best obtainable.

Curtis Woodwork is reasonable in price and costs you less than you would ordinarily pay for the same quality of woodwork made in small quantities by a smaller organization. There is a difference in woodwork just as there is a difference in furniture or clothing. You can secure Curtis Woodwork East of the Rockies through Curtis dealers only.

The Curtis dealer will show you the superior features of Curtis Woodwork—you can make a selection of the items you want at the dealer's office.

The Curtis dealer will show you plan books which will be helpful to you in building or remodeling; or send us 50c stating the number of rooms desired and book will be mailed to you.



This photograph shows a door and stairway of English design made by Curtis. It costs no more than other designs fashioned in the same wood. Refer to C-305 Door and C-912 Stair in correspondence.



An English mantel by Curtis, photographed in a new home in Morrison, Illinois. It has all the special refinements that make it authentic in design and it possesses a grace that makes it permanently pleasing as a background of the room in which a family lives.

1866 CURTIS

We cannot legally prevent imitators from copying our patterns and designs. The law, however, does prevent others from using our trademark. Make sure that the woodwork you buy—sash, doors, moldings or interior woodwork—bears the CURTIS trademark.

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DOES YOUR HOME NEED THE BRILLIANT ACCENT OF PLATE GLASS?



Plate Glass used on the tables in this delightful room not only protects the delicate surfaces, but adds a touch of grace and elegance. Photograph by M. E. HEWITT.

Use PLATE Glass ©
Nothing Else is Like it

ONE of the most admirable principles of interior decoration is the rule of restraint. There is undoubted charm in discreetly colored, low-toned rooms. And yet, unless very skillfully done, many homes are likely to be just a bit too sober, verging close on monotony.

A judicious use of Plate Glass on the tops of dining and serving tables, dressers and other broad, flat surfaces often brings a brilliant high-light where it is most needed. And to the decorative effect gained by the purity and clarity of Plate Glass must be added its obvious and practical advantages. Dining table tops forever safe from hot dishes or spilled liquids. Dressing tables preserved from the ruinous stains of cosmetics and perfumes. Delicate, lacy table runners or brocaded coverings permanently protected from injury. For Plate Glass is everywhere available at a moderate price, saving work, guarding the finish and beauty of fine furniture and adding the charm of its own satin surface to any interior.



Plate Glass on library tables and desks is particularly useful and convenient. From photograph by M. E. HEWITT.

Many of the foremost decorators are using Plate Glass in some of the most beautiful houses in America, yet it is equally suited to the modest home. Plate Glass is not expensive. And it is easily obtained from any glass or hardware dealer, cut to size and ready for immediate use.

PLATE GLASS MANUFACTURERS *of* AMERICA

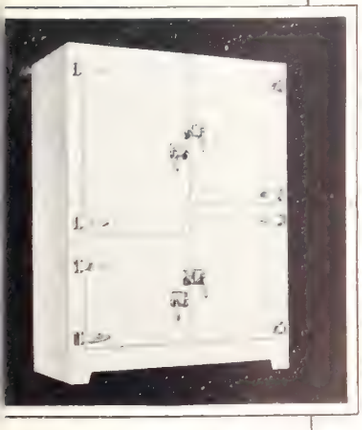


Plate Glass provides a clear and lustrous base for fine silver or china. From photograph by M. E. HEWITT.



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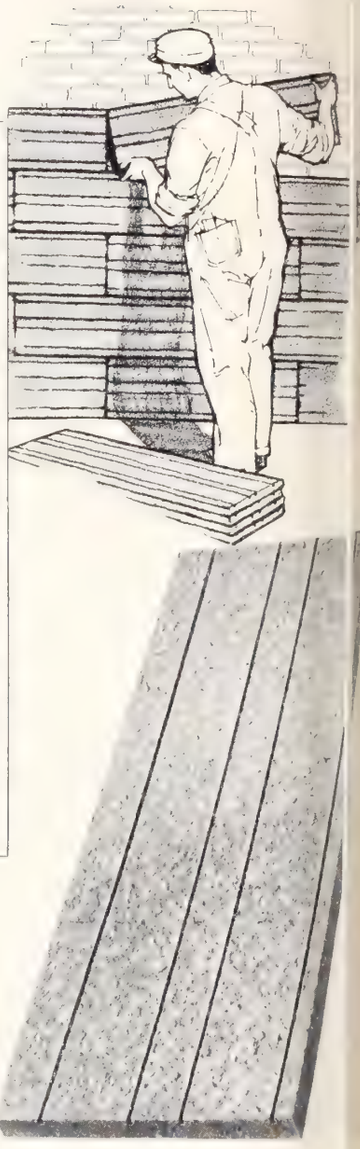
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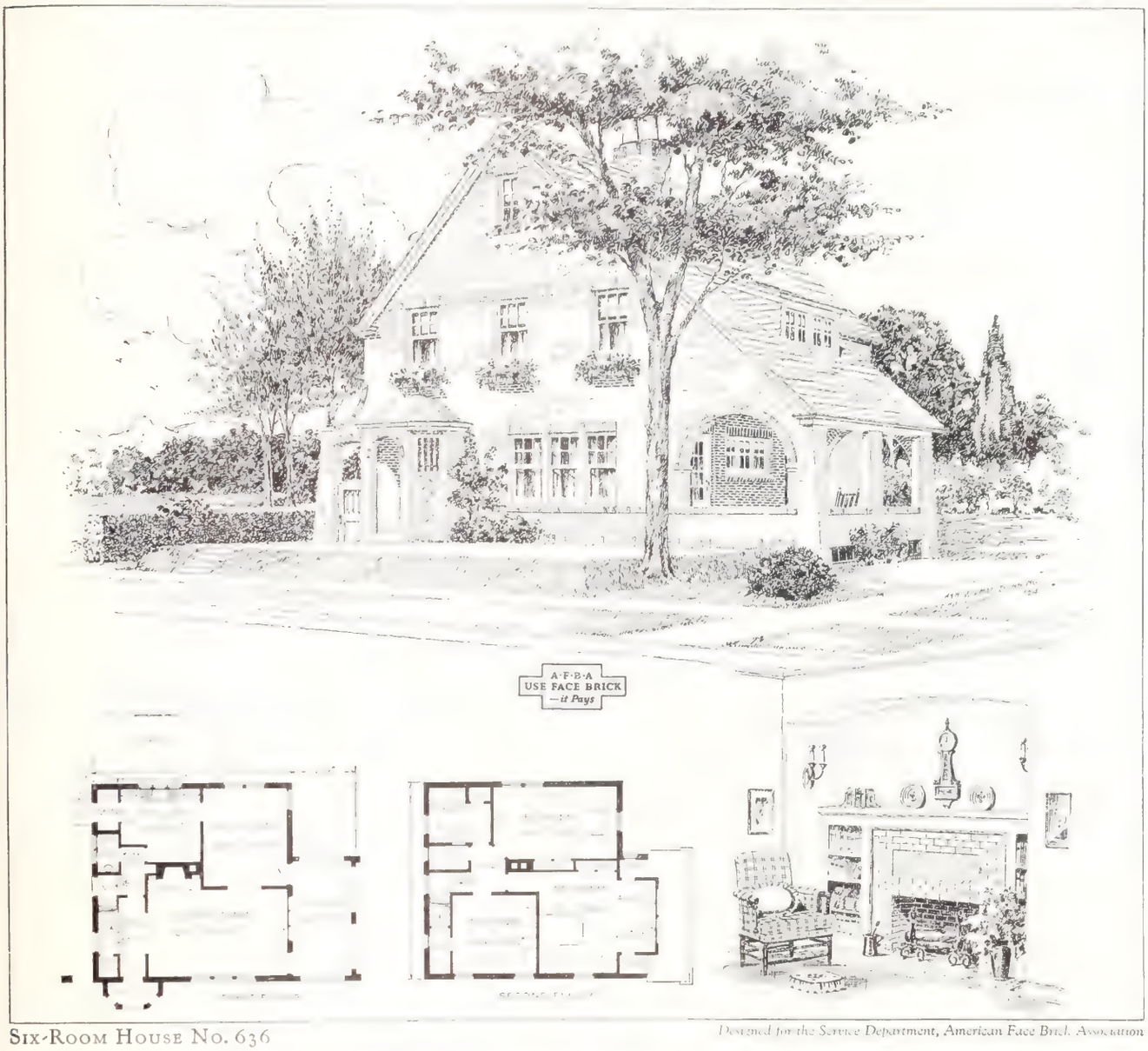
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These modish Scranton fabrics, both spreads and curtains, come in blue, gold, rose and orchid—popular colors that sun and tub will not fade. Weaves and patterns conform to well-known Scranton standards. For your protection the Scranton tag is sewed on every spread and the name Scranton is woven in the top edges of the curtains. See these and other smart Scranton creations at y store, but first fill out and mail coupon below for two interesting bo lets which will help you choose.



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Concrete made with Atlas has opened a new era combining permanent beauty with economy

PROBABLY few, if any, of the sumptuous edifices of ancient times had as beautiful and varied interior decoration as does the Shrine of the Sacred Heart in Washington, D. C. And certainly never was such decoration secured so economically. Gleaming column, recessed arch, delicate border motifs, and elaborate designs of cherubim, saint and symbol in wide profusion of color but blending perfectly—all are concrete. And the colors are permanent, secured by naturally colored sands and stone, not by fugitive and fading coloring matter. With no other materials could this permanently beautiful decorative scheme have been carried out, except at cost economically impossible.

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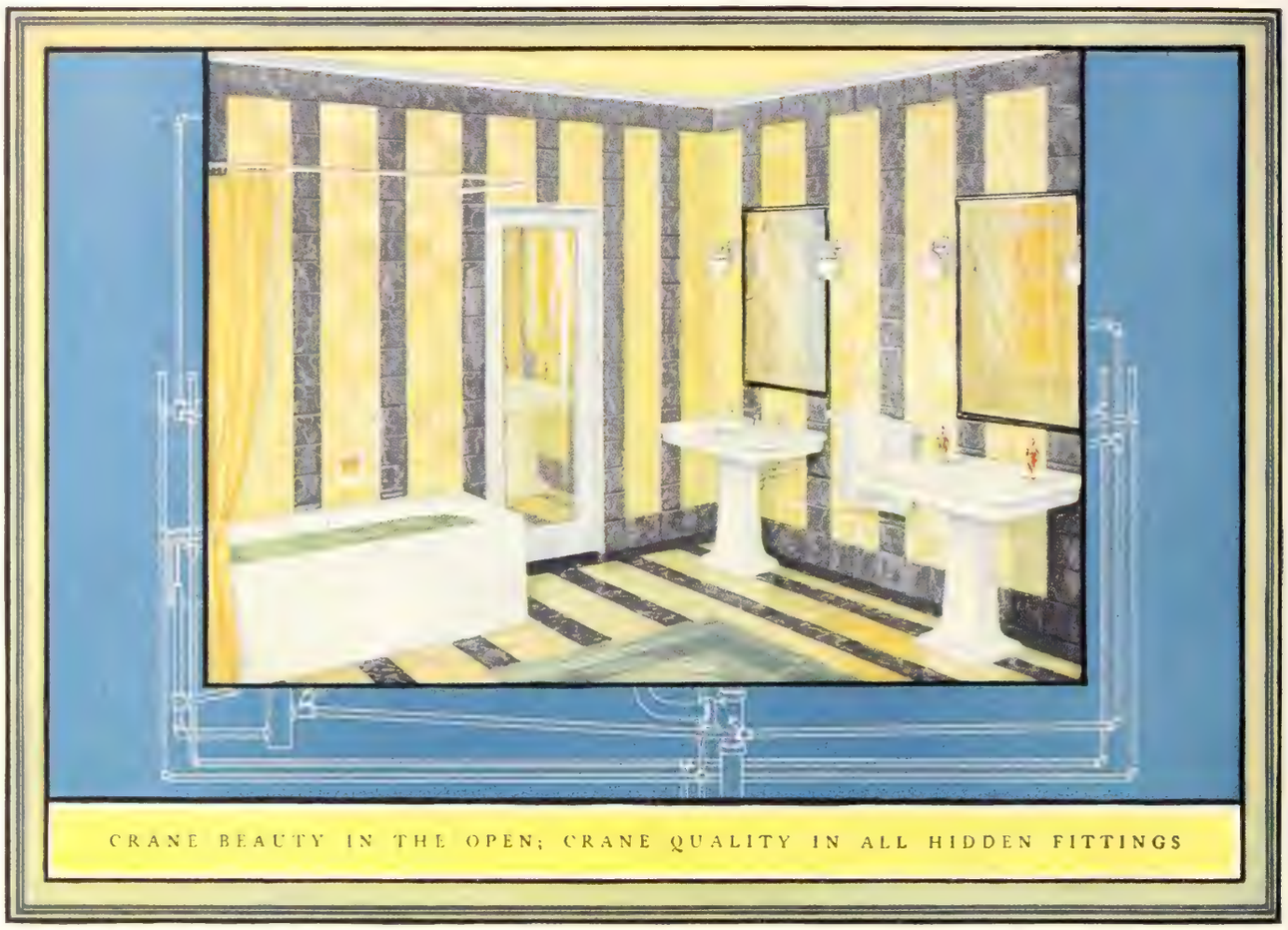
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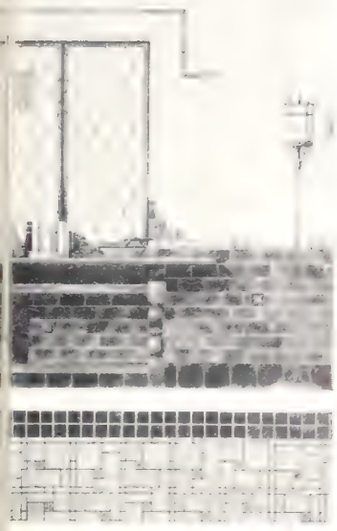


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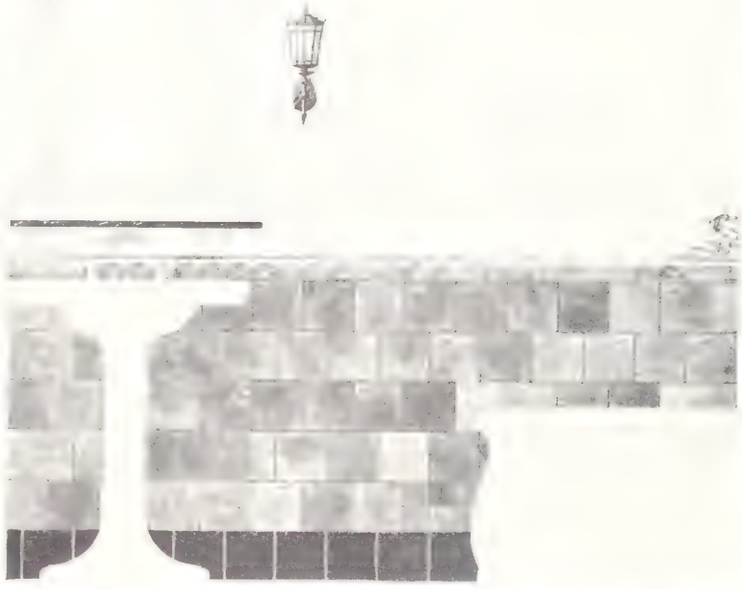
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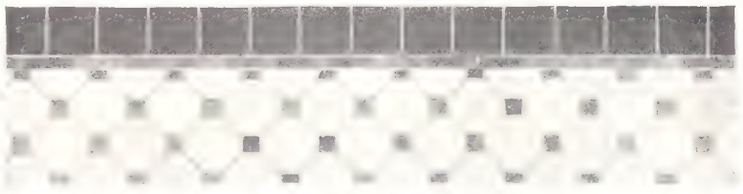
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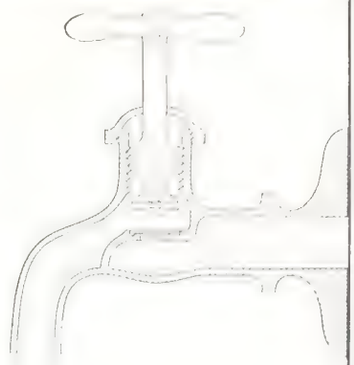
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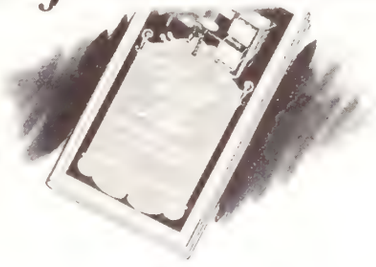
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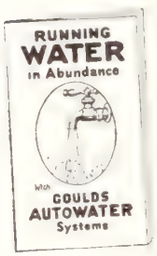
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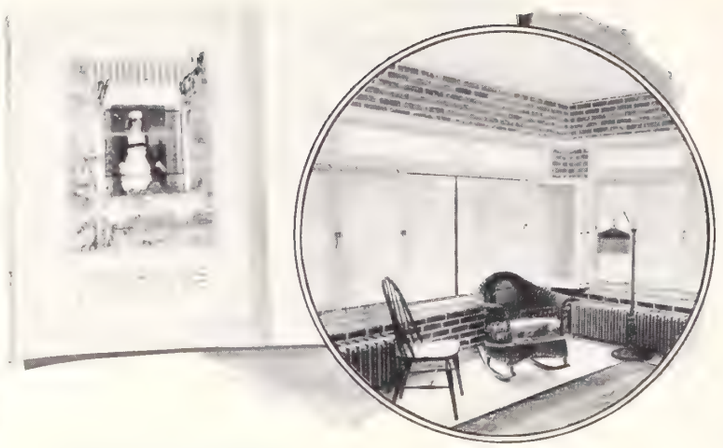
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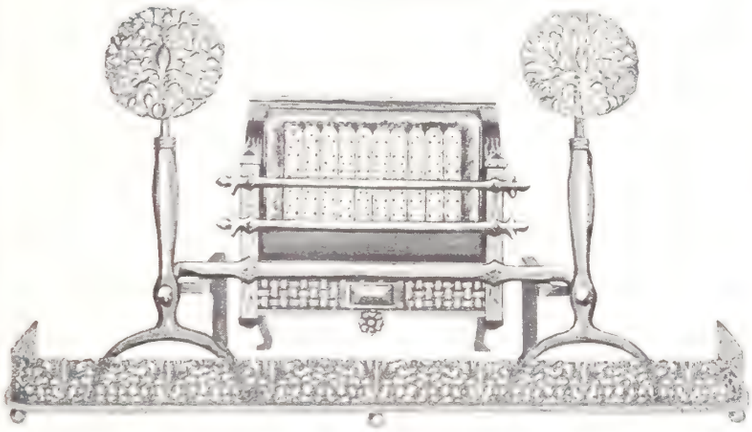
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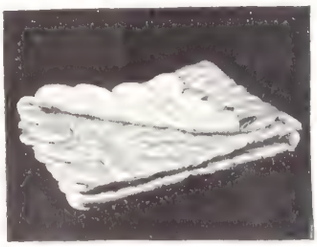
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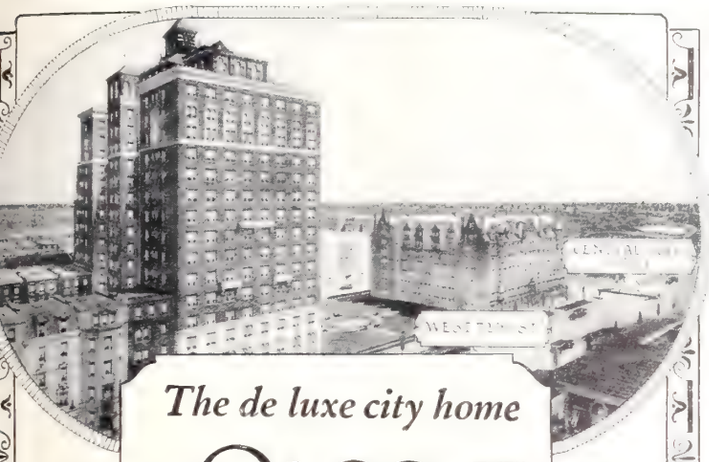
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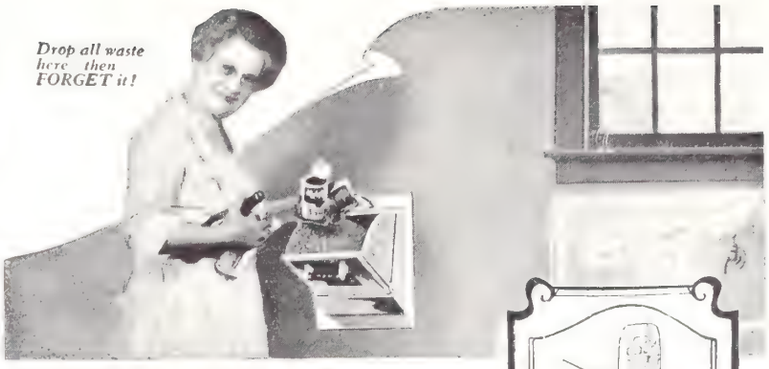
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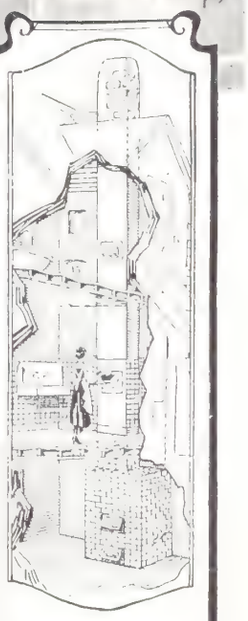
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This model is a typical one-piece combination of printed and plain material. Royal shows all spring wear

TAKE the next issue, for instance. It comes out just when you're buying your late spring and early summer clothes.

You'll want some printed dresses, for prints are going to be very, very good this spring.

So Royal shows ready-to-wear models, dresses and ensembles, in printed fabrics—several pages of them.

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Then you'll need sports clothes. So Royal shows two pages of them. The Royal Ensemble in April shows correct sports costumes for the active participant in tennis and golf—every item in each costume purchasable and priced.

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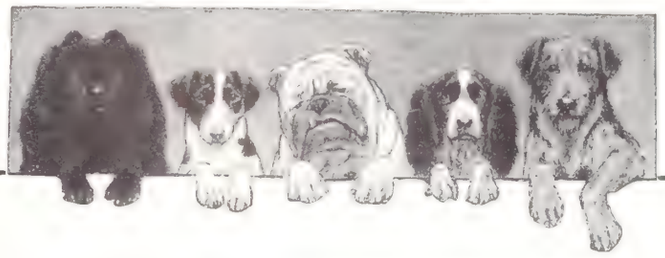
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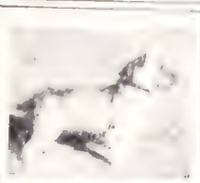




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WHEN YOUR DOG ARRIVES

ROBERT S. LEMMON

THE [illegible] of orienting himself is likely to appear so appalling as to produce a state of nervousness and discouragement bordering on the tragic, frequently than not, to vocal lamentations of considerable power.

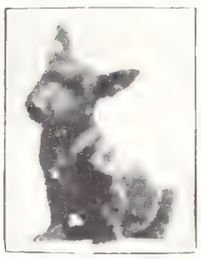
[illegible] total experience in affairs of the world, suddenly surrounded by sights, sounds and smells which are totally different from anything he has known in the past. Lacking the power of speech, he can ask no questions. His doubts and misgivings are very real, very overwhelming to him—none the less so because they can be allayed only [illegible] particularly susceptible to impressions, and if these should be unfavorable the effect upon him will be far deeper and more lasting than most people would imagine. It is only the part of humanity, and of common-sense as well, for his new owner to make due allowances, overlook whatever mistakes or indiscretions may arise, and set about at once to establish that feeling which must be at the bottom of every successful dog-and-human relation: Confidence. Your first and supremely important task is to win the pup's friendly [illegible] tionate regard.

Your opportunity in this direction begins as soon as the dog arrives. If he has come in a crate or basket from [illegible] or less distant kennel, you will liberate him in the quietest, least disturbing place available—if possible, in the open air where he will feel the familiar earth under his feet and have room to trot about a bit and sniff at things. Make certain, though, that he cannot stray far away, for some dogs are a bit panicky and inclined to run when they first emerge [illegible]

Open the crate quietly and deliberately, too, avoiding every suggestion of [illegible] children restrain their natural inclination to make a fuss over the small [illegible] and he has become [illegible] used to them. Talk calmly and reassuringly to the pup, pet him a bit, lift him out gently and set him on his feet. Then let him poke about as he wants, investigating matters on his [illegible] Have a dish of [illegible] water where he can get at it in case he should be thirsty, but do not be in a hurry to feed him, especially if he [illegible]

Treated thus, a pup usually begins to get his bearings in a few minutes. When he does, give him a dish of lukewarm food (cooked cereal, green vegetables and finely chopped raw lean meat, thoroughly mashed together, are excellent) and let him eat as much as he is really keen for. Then let him sleep, if he feels like it, in a [illegible] basket or box in [illegible] quiet corner which you have previously selected as the place for his

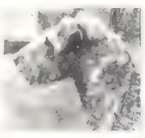
(Continued on page 44)



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WHEN YOUR DOG ARRIVES

(Continued from page 43)

regular bed. Do not change this location from pillar to post, and by all means be unsettling to the pup. He deserves to feel that his bed is one place which he can really consider as his own.

However esthetically one may wish to view the matter, there is no denying that the surest and quickest way to a dog's heart is through his stomach. Feeding is rather an open sesame to canine affection, so in your efforts to estabish an entente cordiale it will play a leading part. Furthermore, one person only should act as waiter and general handler, especially during the first few days, for reasons which are obvious. After the pup has become accustomed to his new home it will be easy enough to broaden friendships which, if attempted in the beginning, would merely confuse him.

OTHER FOODS

The menu already suggested may well be taken as a dietary basis. Supplement and vary it with any of the better standard brands of dog or puppy biscuits, a little cooked fish, sweet milk, stale bread and a large bone to gnaw on once or twice a week, and you will have a sufficiently assorted list. Greasy or fatty foods of any kind must be scrupulously avoided, as most dogs find them indigestible, and indigestion is at least the indirect cause of many canine disorders than is commonly realized. Poultry bones, too, are taboo, for the simple reason that when crunched and swallowed as dogs usually do with them their sharp splinters are likely to cause serious internal trouble. Potatoes had better be marked off the list along with rich pastry, cake, candies and sweets of all kinds.

Light and frequent meals are much better for a dog of any age than heavy, infrequent ones. Three or four a day are usually right for puppies between three months and maturity, and two a day after full growth is attained. As for quantity, let each meal be as substantial as the dog really wants; individual appetites vary, precisely as in the case of human beings, so no definite rule for exact food bulk can be laid down as universally applicable.

PERSONAL CONTACT

Attempts at training or discipline should be avoided until the new dog feels really established; they merely tend to postpone the time when he realizes that he is actually among friends. On the other hand, make it a point to be with him as much as possible, and talk and play with him freely, especially when he is in a mood for a frolic. This will not only help him to become accustomed to you,

(Continued on page 45)

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As a pet, he's better than the car, or the radio, or the crossword puzzle book. And there's more of him every time he turns round. When he's finished, he'll be bigger than a chow—and twice as friendly.

He's a good dog with children because he's got a temper like a fat white cloud—a twinkly cloud with sun on the edges. He doesn't get dirty—maybe he runs his own dry-cleaning shop after dark. Everybody says, "Oh, what a perfectly beautiful dog! Samoyede?"

"Yes," you say, with the large air of deserving all those things he's looking at you. "Sam-oi-eed. Good dog". . . Sooner or later you come to test everybody, not by Bradstreet or the Social Register, but solely by how he likes that bit of fluff.

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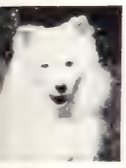
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WHEN YOUR DOG ARRIVES

(Continued from page 111)

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It is unfair to expect too much of the newly arrived dog, either in condition or temperament. If he has been on the road several days, as not seldom happens, he may have lost flesh as well as spirit, and not regain them for a week. The only fair way, to him as well as to the kennel from which he hails, is to make allowances for such conditions and not jump to the conclusion that you have been sent either a sickly dog or a coward. In fact, jumping at conclusions of any sort in regard to a dog is fully as likely to lead to errors as it is in other matters.

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It occasionally happens, despite the best of intentions on the kennel's part, that a dog ordered by mail proves to be a poor fit for the place his purchaser wishes him to fill in the household. In such cases the objectionable point is usually noticeable within a very short time after delivery, and it should be reported to the breeder *at once*, together with whatever request for adjustment may be intended.

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Decidedly, the only fair way is to report any dissatisfaction immediately. If you have made the purchase from a reliable breeder you will find him perfectly willing to meet you halfway on any reasonable proposition. But it is obviously unreasonable to expect him to replace or refund after the original dog has been out of his hands long enough to contract all manner of troubles due to contagion, poor food or lack of proper general care. After all, the kennel owner is conducting a business, and he is just as much entitled to businesslike treatment as is the man who runs a department store, a bank or a soda and candy emporium.

The Dog Mart of HOUSE & GARDEN *will render service of the highest character to readers on all dog matters. It is ready at all times to give personal suggestions and advice on the selection of a breed, care and training, and to suggest reliable kennels from which purchases may be made. We do not sell dogs ourselves or issue any dog catalog or printed matter except [illegible] these pages. Inquiries should be addressed to The Dog Mart,* HOUSE & GARDEN, *19 West 44th Street, New York.*

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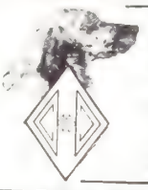
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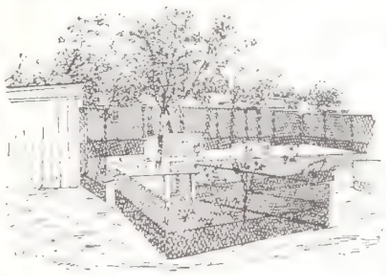
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Garden Information Service

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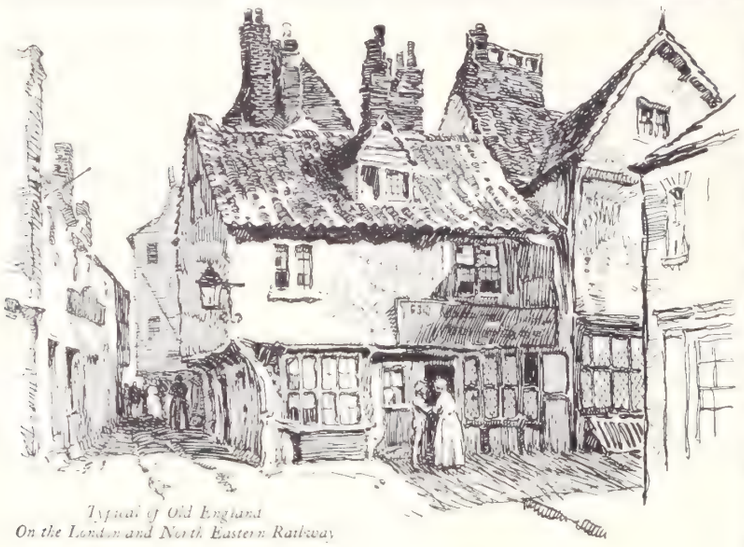
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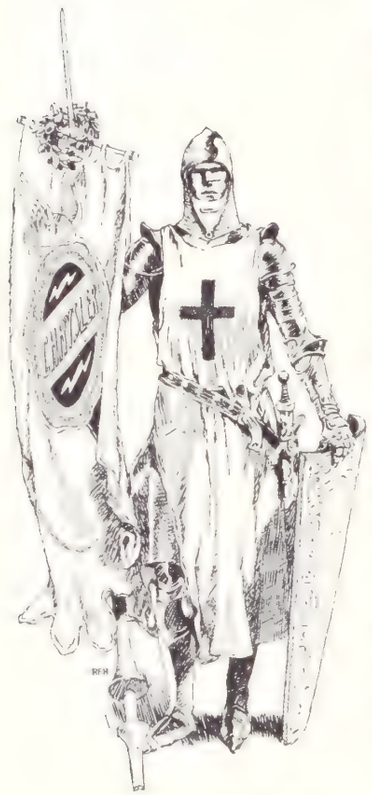
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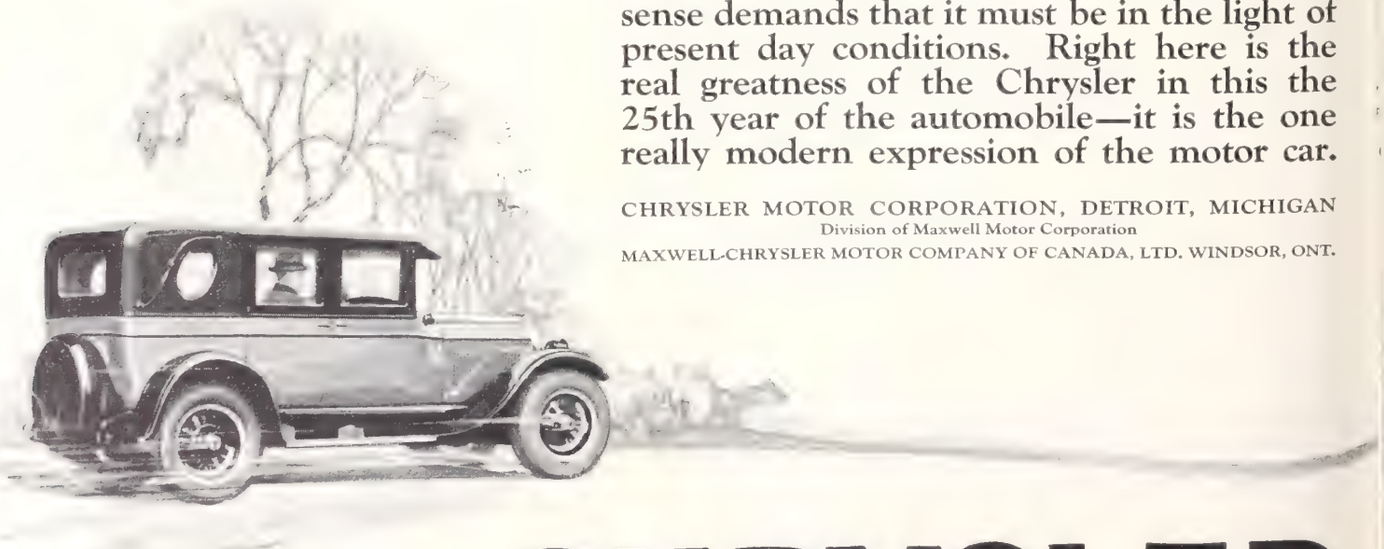
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CHRYSLER SIX

House & Garden



DURING the past ten years America has gradually awakened to garden beauty. The automobile made country living both possible and pleasant. More and more people have learned the delights of living in the country and suburbs, and have discovered that one of the chief delights of this country living is to create and maintain a garden.

Prior to this renaissance, gardening was the hobby of a few. Although our country for centuries had contributed generously to the gardens of the world, yet we did not appreciate our own potentialities. We failed to recognize the full beauty of our own native flora, and our gardening heritage was still closely linked to that of the mother country. England supplied us with gardening books and schooled us in her gardening methods. The seed and plant industry was (and some of it still is) in the hands of men who held allegiance, by birth at least, to Britain. From this dependency on England we have freed ourselves. The second generation of seedsmen—the younger Burpees, the Hendersons and such—are Americans. Our gardening literature is constantly being enriched by books written by American authorities. And, whatever evils did accompany it—and the evils have been many—Plant Quarantine 37 has turned our attention to and quickened the appreciation of our native flowers, trees and shrubs. Moreover, the new generations of plantsmen and amateur enthusiasts are constantly contributing to garden enrichment and the betterment of gardening methods the world over.

As in the old country, so here, gardening is fast becoming a popular hobby. To take one example: the American Rose Society a few years ago felt proud of 600 members; today its membership is past 4,000. The Iris, the Peony, the Dahlia Societies, all of these are showing marked advance. Our lists of specialists are growing, men and women who devote most of their energies and time to the development of some special flora. It is encouraging to know that our floral creations and studies in horticulture are beginning to set the standard for the world. Even our garden books are being taken seriously by the horticultural press of other countries.

It may sound snobbish, but the fact remains that interests such as gardening percolate downward from the leaders in a community, just as the style in clothes percolates downward. The mansion on the hill starts the ball rolling for the cottage in the valley. Consequently those who live in the mansion on the hill hold a peculiar position of responsibility. They have awakened, among other interests, an enthusiasm for gardening. They must maintain that enthusiasm. In England the lowest laborer has his cottage garden. But the manor house had its garden first. We Americans are apt to seek because our workmen do not have gardens. Well, they will not have them until every person of means has one, until every person of the type that [illegible] House & Garden [illegible]

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Volume XLVII [illegible]

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[illegible] U. S. Patent Office

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HOUSE & GARDEN'S BULLETIN BOARD



ON page 74 will be found an announcement [illegible] of some civic activities which HOUSE & GARDEN plans to undertake. For over a year now this magazine on its editorial page has been extending its sphere of interest to the other side of the front gate. This expansion of its editorial interests to include the beautification of the town is a natural development. The man or woman who is interested enough in a town or a locality to make it home cannot be blind to the ugliness that is cropping up on all sides. Let ugliness increase, and it will become an accepted standard.

Nothing is to be gained by merely thundering editorially against these wrongs. A powerful lot of thunder already has been expended by magazines. HOUSE & GARDEN prefers to take positive action. It offers to provide well-designed schemes for those objects that offend most by their ugliness. The acceptance and distribution of these designs will depend on the public interest and civic pride of our readers.

TO be at once both beautiful and useful is a combination of gifts that the gods bestow only once in a while. And yet, we presume to hope that that is what the April issue will be. Its major topic of interest is interior decoration. Now it would be simple merely to show useful things or merely to show the beautiful, but we have tried to combine the two. The subjects are quite varied—the decoration of tables, bedspreads, how to light and decorate the piano, collecting Coromandel screens, valance designs, book ends in abundant variety and lampshades and decorative waste baskets, paneling walls with paper, the simple dressing table, an article on Philippe de La Salle, the great French designer of the 18th century. Add to these three pages of the Little Portfolio of Good Interiors and a page of color schemes, and you have a generous abundance of both beauty and usefulness. Among the decorators contributing are Elsie de Wolfe, Mrs. Somerset Maugham, Weymer Mills, Pierre Dutel, Nancy McClelland, Agnes Foster Wright, Miss Gheen, Tate & Hall, Chamberlin Dodds, Mrs. Buel, Elsie Sloan Farley and Elsie Cobb Wilson. Several of the pages will be devoted to houses—a large house designed by John Russell Pope, and two smaller California homes by George Washington Smith and the late James Osborne Craig. Frederick Houston discusses shingles in this issue.

[illegible] SAY—

MEBBE they ain't more'n a drap in the bucket o' the world's hist'ry, these las' fifty years er so, but they've sure made a sight o' diff'rence in us farmers' lives. What with telyphones an' R. F. D. an' good roads an' gov'ment fellers to tell ye what kind o' manure to put on yer pertater land, things ain't whut they useter be. More'n that, they keep right on bein' diff'renter. I figgered we'd come to the limit when [illegible] that Ed Baldwin turned his hoss-shoe place into a garrage, but no sir! 'Long comes this radio business an' busts another of our oldest habits plumb wide apart.

"Time was when ev'rybody round here went to bed at nine o'clock, 'cept mebbe when a strawberry festival er a supper down to the Congregational Church kep' us up till purty near ten. But now—wal, Cleveland don't git comin' over good 'fore ten-thirty, an' the best jazz is 'tween then an' midnight. The way even the hired help sets up to listen to it, I guess the cows'll hev to git useter bein' milked long after sun-up 'stead of an hour before.

"M[illegible] Be Figgerin' onto it—yessir, I'm figgerin' onto it!"

PERMIT us to commend to your interest and generosity the work of the National Plant, Flower and Fruit Guild. Through its activities flowers and fruits are distributed to the poor in tenements, to the sick at home and in hospitals. It helps to transform backyard dumps into attractive gardens. It supplies potted plants and window boxes to housebound sick and cripples and to deserving school children. It gives jellies and fruits and fresh vegetables to those who cannot afford them. It maintains a farm garden for children.

The Guild maintains booths at large railroad terminals where garden owners can bring in their surplus of fruit and flowers and vegetables and jellies. These are immediately distributed to the poor and sick. There are organized centers of the Guild in over four hundred cities and villages. If there is no center in your locality, write to the Guild Headquarters [illegible]. Or if you have no garden or no garden surplus, you can manifest your good interest by sending cheques to the headquarters at 70 Fifth Avenue.

IN Francis Ludwidge's "Songs of the Field" we found these lines that pleased us-

—sometimes the thought comes that the brown
tomb
Is not the end of all our laborings,
[illegible]
To sow the world with harvests young and strong
That men may live by men 'till the stars wane
And still sweet music fill the blackbird's song.

IN the course of building a house (an experience we are just now enjoying) there comes a time when one's extravagances begin to loom ominously. The first bill for building materials reads like an accusation. You start with good intentions to use only the best materials—and then you see what the best materials cost. That, sirs, is a time when the heart needs courage. It is a time to keep the head level. To weaken one's good intent at that point is fatal.

In the long run the best materials cost only a little more than the cheapest. That insulation on walls and roof, that better kind of prepared shingle, that better brick, that better flooring, that better paint these things cost more because they are intrinsically worth more than shoddy materials. Combined, they make a better appearing house. They make a house that is easier to live in and they are a source of pride.

Of all the things about which a man may be justifiably proud, none is more quick to stimulate lasting pride than a well-designed and well-built house. As we pore over the advertisements of building materials we wonder why this point of pride is not more stressed. It is a source of pride when one can speak, for example, of the trademarked materials that went into this house, materials that through constant advertising have become familiar. It is like shaking the hand of the hand that shook John L. Sullivan's. The pride is justifiable because the choice of those materials is evidence of sound judgment.

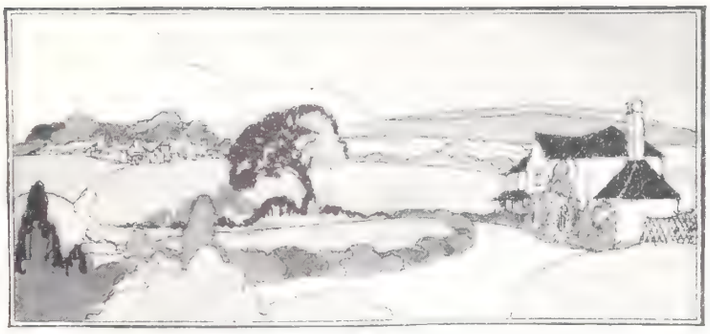
So we are writing off some of the items on our bills against the pride we will enjoy in days to come.

THERE is no safe and easy way to gardening. You can't learn how to garden by sitting in a comfortable chair and reading gardening books. You must plunge in. You must be willing to stand the back-ache and the soiled hands. You must be willing to be seen at all hours in disreputable clothes. You must have the patience of Job and the resignation of a saint. And after you have acquired these virtues, you can count yourself a gardener. So many good people think that gardening is a dainty avocation, an arty sport, a thing to be played with when you will. How wrong they are! For if you would be sister to the wind and brother to the sun, you must work and work hard.



A PALLADIAN PAVILION

The beauty of this pool is brought to a high pitch by its architectural setting. From the sides of the graceful pavilion, stuccoed in white plaster and covered with a roof of Italian style pan tiles, two pergolas run towards the terrace in the foreground and, with the wrought iron railing, complete the enclosure. J. L. Severance, owner, Pasadena, Cal.; Johnson, Kaufmann & Coate, architects



A PLACE OF GENEROUS PROPORTIONS

Broad Spaces, Wide Walks, Great Trees and Ample Stairways Give the Grounds of Lisburne Grange a Fine, Heroic Scale

MRS. FRANCIS KING

PASSING stone-piered entrance gates, then curving through trees, a fine sweep of drive leads to Lisburne Grange. The house stands on a high hill overlooking the Hudson River, with South Redoubt, the historic mountain, for background. Directly west of the house, facing the river, lies a grass terrace, and to the south of the terrace lies one of the most interesting divisions of ground possible for such a site.

Long ago, in the early days of the place, this level ground was planned in rectangles, and two pairs of Maples and Elms placed to flank a broad walk from the west entrance to an arbor on the edge of a ravine. This square of lawn is divided into grass spaces by two or three cross walks as well as by one enclosing it. Between the further pair of the Maples mentioned above, lies a spacious pool fully eighteen feet wide, brimming with dark water. Garlands of Ivy conceal the junction of the low stone edge with the ground of the encircling walk. The great trees above the pool are at least twenty feet apart, and as on this bright October morning I sit near the pool, which is as still and tranquil as the day, and lift my eyes toward the tops of these majestic Maples, the vivid blue of the October sky is shot through leaves of green and [illegible] which seem made about my head. And all this color, with the lines of the fine old house itself, is reflected in that broad and quiet water.

Looking toward the left is a sunlit lawn of this grass square, bounded by clipped green hedges, with a few fine Elms and a Maple or two, and beyond are the blue and mauve distances of Storm King and its neighboring mountains, and the gleam of the river. This picture is framed by the black and upright boughs of a great Elm. Underneath this Elm, and over the tea-table for a sunny afternoon, the owner has placed a gay umbrella blazing with the color of the Primrose Gladiolus; and this flashing note against the soft atmospheric





M. H. Hutchins

Across the brimming circular pool, and through a vista of paired Elms and Maples, may be seen the arbor that overlooks the ravine beyond. The glassy water reflects the branches overhead and catches the lines of sunlight dropping through foliage

blues of the distance, is as the Venetian sail to pictures of the Lido.

Facing the main portico at the house entrance, are magnificent tree groups: Maples, Cedars, Arborvitaes, with a remarkable Elm to the right, now pale yellow in the Autumn sun. A great Linden sweeps the ground with its wide branches, and holds its clear green form against all the gay autumnal colors. A wild-eyed Gingko, eighty feet high, low-branched and spreading, never escapes notice, and a Spruce with a basal spread of at least fifty feet forms a pivotal feature for the turn of the drive; while the foreground to the river is a sloping meadow, a peaceful English looking meadow, far below the house, with now and again groups of colored trees. From the graveled forecourt, a walk leads to the Rose garden and to the large kitchen garden at the foot of the mountain, with its deep borders of old Box and gay perennials, and fruit trees along its paths.

The French doors of the dining room open upon a brick terrace; to the left of them rises the white shaft of a sundial from a bed of dark Ivy; and around the two parts of this terrace, to right and left, lie Box-bordered beds of flowers. This is the outdoor room whose either ends are seen in two of the illustrations. Tables and chairs proclaim the pleasure of the *al fresco* luncheon, and the gravity of the great hedged square outside, with its trees and with woods beyond, gives a sense of remoteness, of rare deep country solitude.

Turn from the delicious look of Italy which appears in the river and mountains, and find a feeling of England. The foreground picture is totally different. Here



The brick-paved terrace lies along the sunny side of the house where it enjoys the mottled shade of the Maples. Balustrades close the ends, a low Box hedge lines the long boundary and it is framed with shallow borders of perennials



Hardly another [illegible] effect [illegible] of broad level [illegible] evidently with [illegible] trees. In this scene there could [illegible]

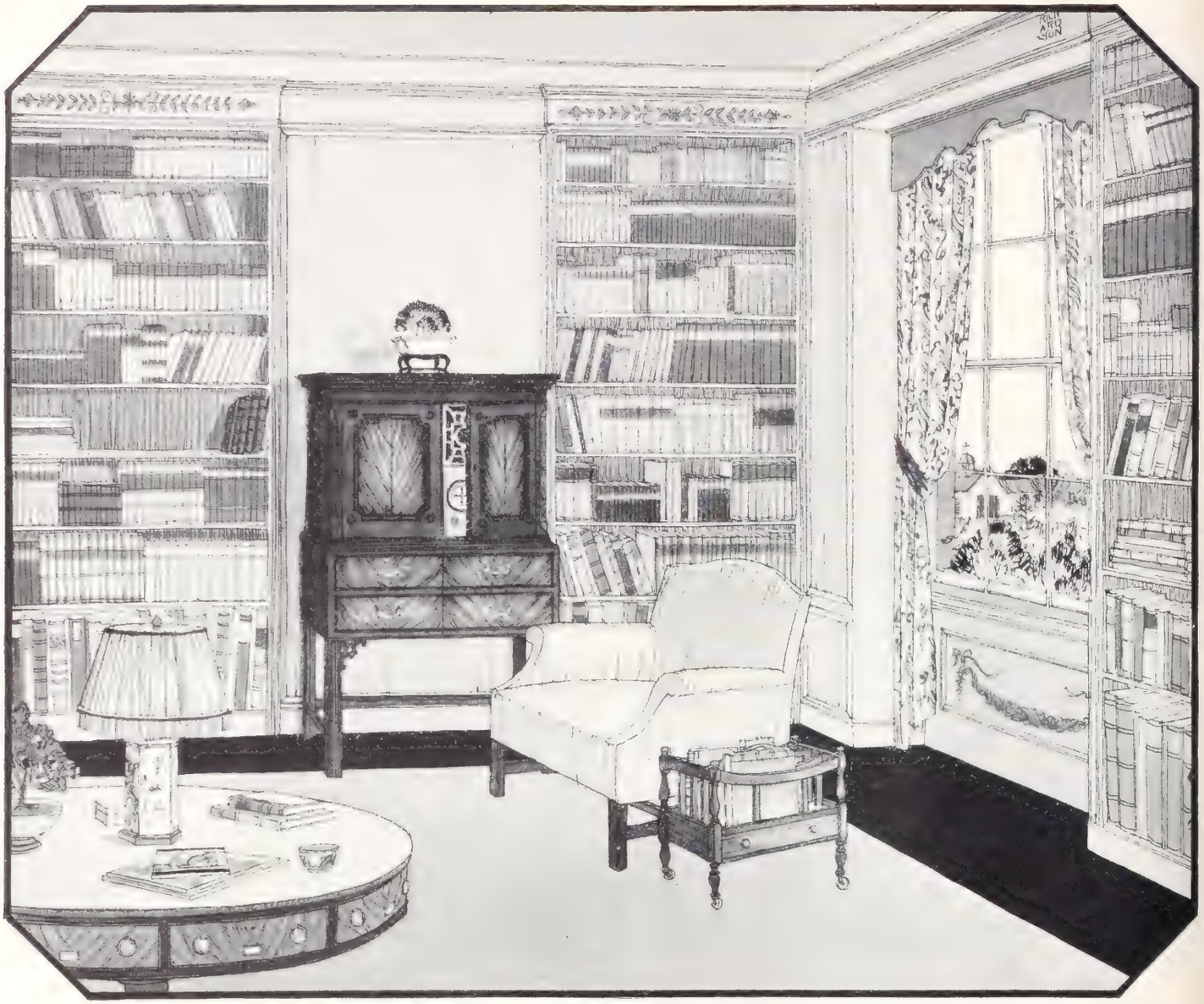


Old-fashioned shrubs and [illegible] a bed of [illegible]. The [illegible] cut [illegible] a [illegible] there could [illegible] the river and the [illegible]

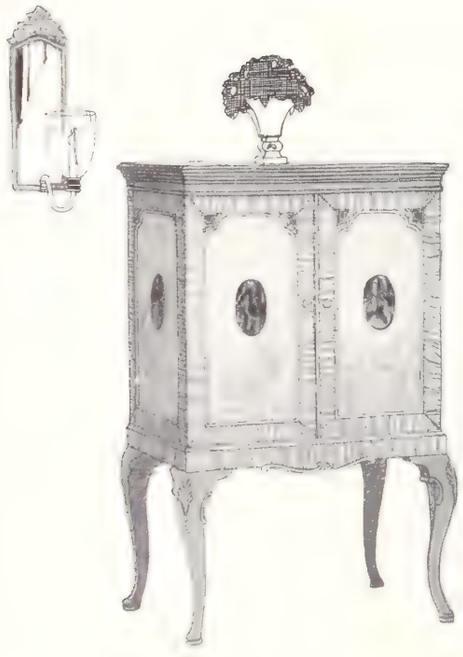
are smooth shaded [illegible] of green lawn, outlined by [illegible] forming three broad terraces, rising one above the other and connected by grass steps. The lowest terrace is the level of the pool; the next two, each four steps higher than the other, are bordered by magnificent trees, while the highest of all is reached by a soft flight of green steps at least twelve in number. Flanking these steps the steep bank is furnished with low evergreen shrubs of uncommon kinds, Myrtle and Ivy lending their rich greens. A balustrade marks the top of this high terrace which, with more beautiful Maples to the right and a gorgeous mass of them to the left and far beyond, is all seen against the nearly perpendicular side of a mountain in the rich setting of an American October. Words can scarcely give the beauty of this picture as I saw it. Panels of smooth grassy spots, clean lines of clipped hedge, vivid green stairways set in slopes of dark low shrubs [illegible] like the one at St. Catherine's Court near Bath), all make a [illegible] for a tapestried mountain beyond.

Well to the right on the highest terrace, roofed over by

(Continued on page 108)



When a radio is used in a library it may be enclosed in a cabinet designed to harmonize with the other furnishings. The Chippendale cabinet above, so effectively placed between built-in bookshelves is from the Aeolian Company



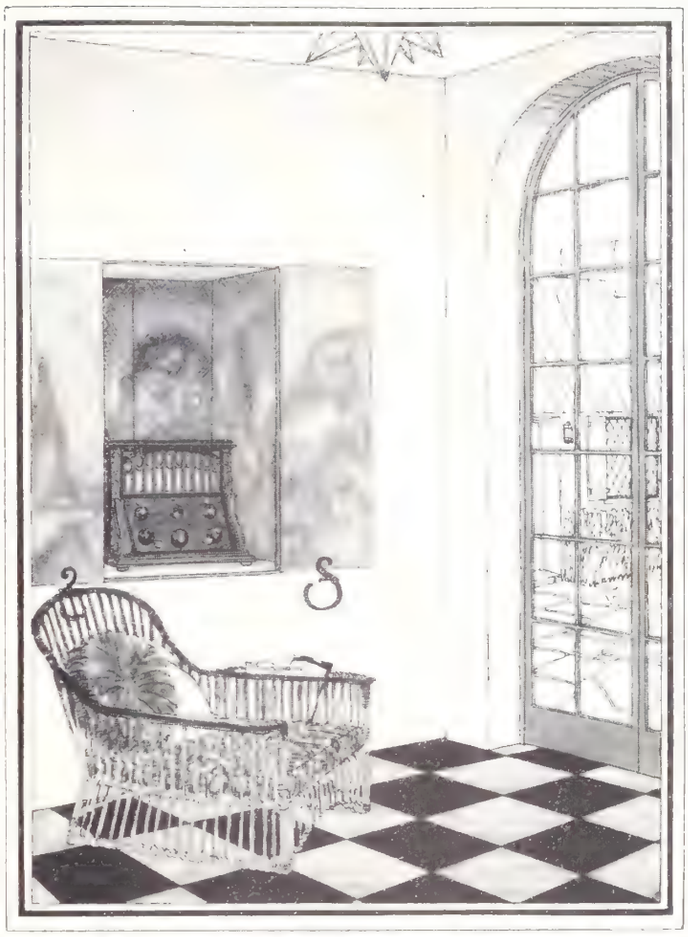
THE RADIO BECOMES A DECORATION

AFTER having coped with such decorative problems as unsightly radiators, telephones and phonographs, the matter of adapting the radio to a certain scheme of decoration presents few difficulties to anyone possessed of a little ingenuity. In the first place the horn has been dispensed with, the majority of sets being equipped with a loud speaker—that unfortunate term—a small box-like arrangement at the top. In addition to these compact sets are the countless pieces of furniture, distinguished in line and workmanship, designed especially to hold a receiving set. These cabinets, for they are mostly cabinets although occasionally we find a radio set in a desk or commode, are made in various period styles, in staple woods or painted to conform with the decorative scheme.

For a living room or library comes an attractive cabinet in walnut and mahogany that contains both a radio and phonograph. Courtesy of the Brunswick-Balke-Collender Company

An excellent example of a cabinet designed especially for a radio is the Chip-

ndale model shown in the li-
ary on the opposite page. The
ıtire receiving set is contained
the upper portion while the
awers below provide space for
ıtteries. A cabinet of this type,
addition to solving the prob-
m of where to put the radio,
lds materially to the aspect of a
om. In this case it is effectively
aced between built-in book-
elves—its dark wood a nice
ontrast to the paneled walls
inted a light coffee color and
riped in the moldings with red.
his warm red tone is found
gain in the leather covering of
e chair, in the design of the
intz and in the book bindings.
A different and very decora-
ve treatment has been carried
ıt in the sunroom at the right.
ere a radio is set in a niche in
e wall. The background and
sides of the doors are painted
landscape scenes—a colorful
nd interesting note against the
eam colored plaster walls.



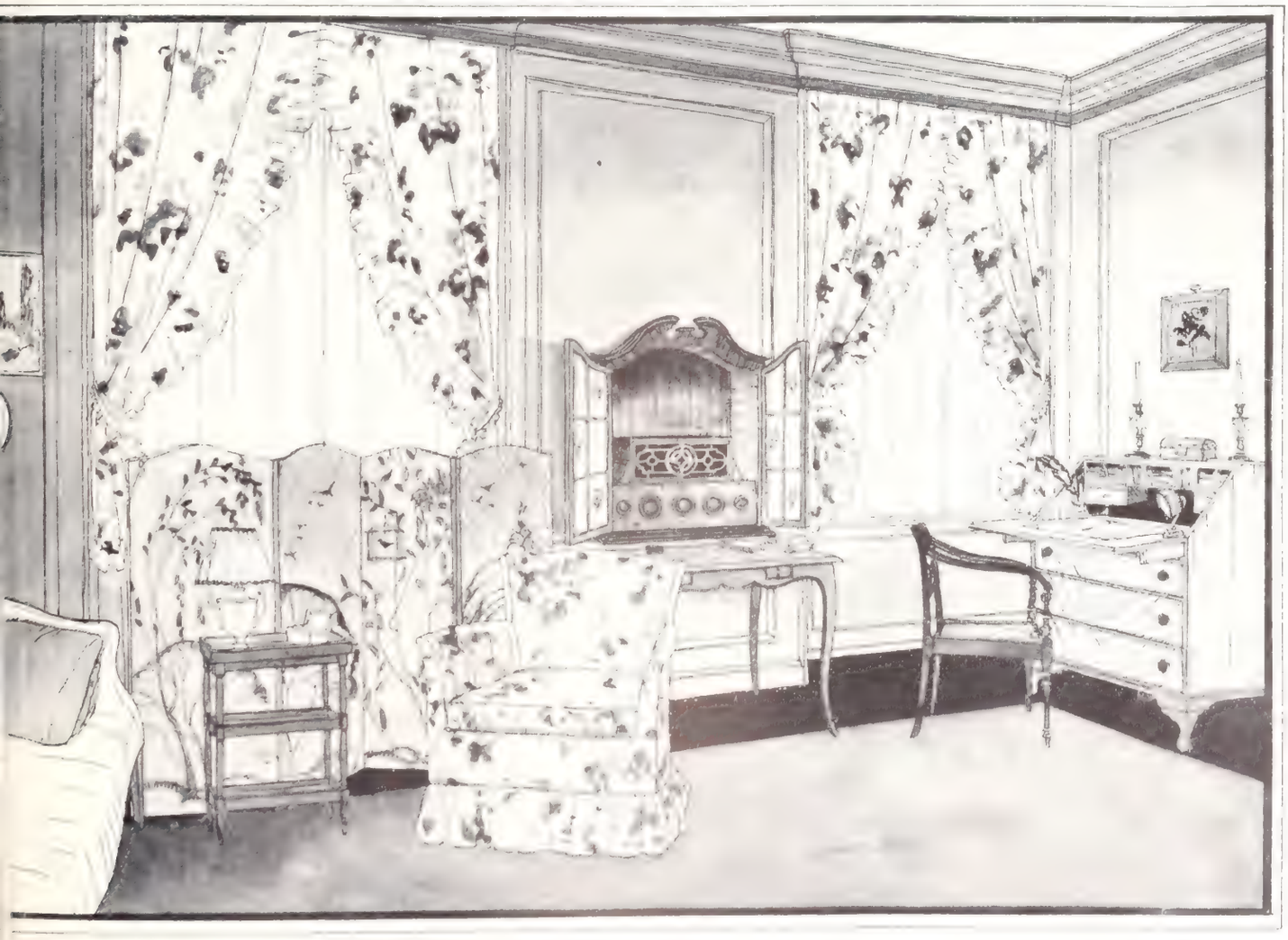
(Right) In a sunroom a wall receiving set may be placed in a niche in the wall. From the Radio Corporation of America

When the doors are closed they are apple green, to match the rest of the trim. The wicker chair is blue with stripings in apple green and the cushion is orange, green and blue glazed chintz. The floor is covered in a black and cream block patterned linoleum.

In place of a painted design, the background and doors might be done in a colorful scenic paper. Or, more striking still, use the panels of a Chinese screen, preferably one in gold and lacquer red, for the inside and the doors. If the family is large, with many radio enthusiasts, this space in the wall could be cut through to the next room, making the radio accessible to both sun porch and living room.

In the attractive small sitting room below a radio receiving set is placed in a small hanging cabinet. It is not apparent when the doors are closed as these are fitted with pieces of mirror and decorated with painted flower designs.

In an informal chintz-hung sitting room a radio set is concealed into a small hanging cabinet. The Freed-Eisemann Company



WOMEN IN HORTICULTURE

The Growing Interest in Gardens and Gardening Has Opened New Fields of Education and Activity for Women

THE history of women in horticulture is extensive and ancient. The work involved in preparing the soil, sowing it, giving it culture and reaping the harvest, this work has always fallen into that circle which is known as domestic. And since women have been rulers of the domestic sphere, their activities have included the meadow, the orchard, the vineyard and the cattle byre.

Wherever you find a peasant or a pioneer country, you find women sharing with men these arduous labors. The economic reasons are obvious. Just so soon as these economic demands are removed, however, women leave the fields and retire to the house. Then, after a time, they emerge again and are found busy beautifying the grounds around the house. It would seem that women cannot, for long, renounce contact with the soil and the things the soil produces. They start with food; they end in flowers. Today, in this country at least, the majority of amateur gardeners are women; women comprise the bulk of garden club members; they write most of our garden books; in short, they are powerful and active in a sphere that is theirs by heritage.

So far, save for a few instances, they have made the garden only a place for pleasure, for the satisfactory exercise of a hobby. Gardening as a work for women is a practically untouched field. True, we have women landscape architects, charming and intelligent ladies who pursue their profession ardently and with success. But we are sorely in need of women who can take up gardening as a work. We need garden consultants and gardeners. Opportunity awaits them. Heretofore the profession of interior decoration has been considered an occupation par excellence for ladies, with the result that we have far more women decorators than we need. In New York and the other big cities they are almost as plentiful as doctors. But the garden story is different. Go into the suburbs and into the country, and you find women workers few and far between.

THE work that women can do in our suburban and country districts falls into two distinct classes—the average, day-to-day gardening, and the designing and planting of gardens. The latter is the profession of landscape architecture and the former is as yet unnamed because only few such workers can be found.

We have plenty of landscape architects to do the big places; what we need are specialists in little gardens. We need women who will Woolworth the idea of good garden design for the small place.

The second class, garden workers, may not require so technical an education as the landscapers; the field of their training may cover all the activities on a country place. Here again there is a demand. In every suburb and country district you hear the same complaint—people can't have gardens because they can't find the men to work in them. Why not, then, find women? Save for the heavy work of plowing and harvesting, hauling and loading carts, there is very little garden or farm work that a strong healthy girl cannot do and do supremely well.

You have a small country place, for example. It includes a kitchen garden, lawns, flower borders, a cutting garden, perhaps a garden of small fruits and a little orchard. You have depended upon uncertain local labor or have been under bondage to a man who is lazy or loves his bottle to excess. You pay him more than he is worth and, after a few years, give up in disgust. What would you think of trying a woman? Or two women?

IT is not to be expected that women gardeners and landscape architects will leap full-fledged from the bosom of their families. Each of these spheres of work requires training and specialized education. Some of our agricultural and landscape schools have courses that are open to women, but, apropos of this subject we would like to call your attention to two schools that offer courses for women alone. We refer to Lowthorpe, a school of landscape architecture for women, at Groton, Mass., and to the School of Horticulture for Women at Ambler, Pa. The former institution, founded in 1901 by Mrs. Edward G. Low (whose picture you will find on page 100 of this issue) offers a three-year course in landscaping and kindred subjects. The Ambler school, founded in 1910 by Miss Jane B. Haines (who also is pictured on page 100) offers a two-years' practical training in the various branches of horticulture, from landscaping to dairying, poultry and bee keeping. Each of these schools has its own field and produces its own kind of trained woman. This year these schools are seeking endowment funds with which to continue and improve their work. They are both worthy the support of garden enthusiasts.

SUCH schools as these open up a new field of education for the young woman, a field that is not to be neglected or despised. A knowledge of flowers and gardening is fast becoming one of the requisites for the intelligent woman. The growth of interest in gardening has brought about such a state of affairs that the well educated woman of today would as soon acknowledge her ignorance of flowers as to acknowledge her ignorance of children. The really "smart" young lady is no longer ashamed of the garden soil upon her hands; in fact, she boasts of it. Such schools as the two we have mentioned offer a new form of "finishing". The young lady's head is no longer kept on a level with the cab door, but on a level with the Calendulas! She has entered upon a world new, refreshing and beautiful to her, but a world old to her sex—as old as Eve and her appetite for apples, as beautiful as Ruth cropping the wheat.





Gilso...

A LIGHT AND LOFTY PORCH

Typ... a typical ... adapt itself to ... a ... with ... floor ... in ... more light and air ... Wesley ... hardly, in fact



© Asahel Curtis

Penstemon rupicola prefers the crack of a rock for its home and the boulder-dotted hillside for environment



© Asahel Curtis

One of the loveliest Asters that grows in the Mt. Rainier National Park is this small, mountain variety



© Asahel Curtis

Anemone accidentalis, its silvery blossoms thrusting through last year's grasses in Mt. Ranier National Park

FLORAL TREASURES OF OUR WEST

LOUISE BEEBE WILDER

THE frontispiece in the first volume of the late Mr. Farrar's great "English Rock Garden" is our own quaint Bloodroot. And though Mr. Farrar illustrates one hundred and ninety of the world's choicest and most lovely rock plants and alpines, he thus does honor to our familiar friend of roadside and copse. Indeed, throughout this valuable book American plants are continually alluded to with the warmest admiration and interest, especially those of the Western mountains and sweeping prairies.

When I went some years ago to England upon a garden pilgrimage I found in the amazing rock gardens many plants of my own country. Gardener and owner pointed them out with eagerness and pride, speaking familiarly of their native homes, the Selkirks, the Olympics, the Rockies, the Sierras, Yosemite, the Ozarks, the sun-baked prairies and high mesas, Mt. Rainier.

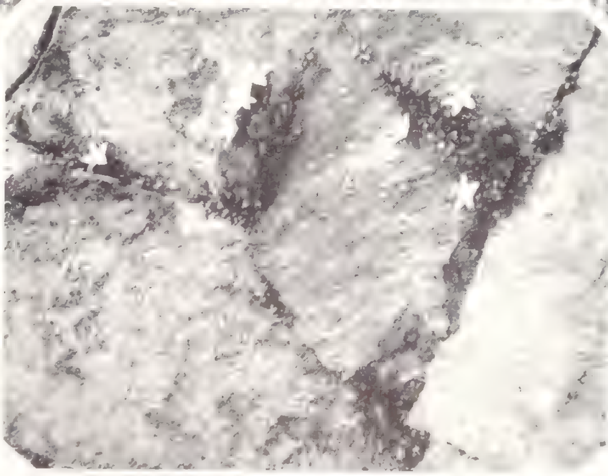
I found myself growing speechless with embarrassment, for of not one of these so distinguished plants of American soil had I ever heard or seen! What a deplorable state of affairs! I decided that it should cease; but I found upon investigation at home that there were only two nurseries over the whole West devoting a portion of their business to collecting and selling Western plants, and most of these sales went to foreign dealers, or to foreign private collectors; and the Eastern catalogs listed none of these Western plants at all.

Today the situation is better. The quickly spreading interest in rock gardens, West and East, is creating a demand for small lovely plants from all parts of the world; dealers are answering the call; the two western nurseries before mentioned are adding more and more of the rare mountaineers to their lists, and there are collectors in every state who will gladly sell the wild plants of their neighborhoods or exchange them for plants of yours.

Read such a book as Margaret Armstrong's "Western Wildflowers", and note



Under the lee of a snowy peak in the Olympic Mts. is found a bed of Avalanche Lilies, Erythronium montanum



Campanula Piperi, a rare Harebell that is found growing only in the Olympic Mts., in narrow cracks of the rock

the beauties shown there. Her lovely illustrations would fill the heart of the keen rock gardener with despair if he felt that the flowers smiling from her pages were wholly beyond his reach. Look at the illustrations given here and know that some of these exquisite small things are growing and thriving in [illegible] lowland garden. Look at these and realize that an all-American rock garden can be as beautiful and interesting as one furnished from the farthermost corners of the earth.

If there is one ray of comfort to be found in the calamitous quarantine that appears so ably designed to

(Continued on page 132)

[illegible] Alpine [illegible]

[illegible] are Calandrinia [illegible] garden. Their flowers are brilliant rose





HOTBEDS AND COLDFRAMES

Complete Directions Are Given for the Construction, Preparation and Use of These Invaluable Garden Accessories

JOSEPH HENRY SPERRY

HOTBEDS and cold frames are the simplest forms of gardens under glass. They are necessary supplements of outdoor gardens, because they lengthen the garden season and increase the products. For their location a gentle slope with a southern aspect is ideal, but a slope toward the south-east or the south-west or a level spot is satisfactory. It is of paramount importance that the location have good drainage and protection from wind and severe weather.

In their construction are used glazed hotbed sashes; cypress, cedar or pine boards one inch to one-and-a-half inches thick; two by four inch timbers, and No. 8 to No. 12 galvanized wire nails according to the thickness of the boards. The sashes are 6 feet long and 3 feet wide, bought ready for use of greenhouse builders direct, or through a seed store. The boards, timber and nails may be purchased from dealers in lumber and hardware.

Coldframes and hotbeds are made by nailing boards together so as to form a rectanguar box without top or bottom. This is 5 feet 11 inches wide outside measurement from north to south, so that the glazed sashes, when placed on it, project one-half inch at each end. The length from east to west is determined by the number of sashes: for example, three feet for one sash, six for two, and so on. Further to illustrate the proportions, a four sash coldframe will measure 12 feet east and west and 5 feet 11 inches north and south *outside measurements.* It is better to use boards wide and long enough, so that only one board is required to form each side of the frame, thus avoiding any cracks in the sides. Boards 16 inches wide are best, but those 14 inches will answer the purpose. Boards 1¼ inches or 1½ inches thick are preferable, but those 1 inch thick, we find, last a long time and are more easily obtained.

AFTER the boards are cut exactly the required lengths, they are set up on edge and the ends fastened together securely with nails driven in 2 inches apart. Next with a carpenter's square the corners are tried to see whether the frame is rectangular.

The rigidity of the cold frame is increased by nailing into each corner up and down a piece of 2 by 4 inch timber as long as the boards are wide. Where the edges of every two sashes meet when on the coldframe, 2 by 4 inch timbers are placed, the 4 inch side up, long enough to reach from inside of and just flush with the north and south edges of the boards, and these timbers are secured in place by nails driven through the north and south boards into their ends. A four sash coldframe requires three of these slides, as they are called, because on these we slide the sashes on and off the coldframe. Coldframes can be purchased, ready to put together, from greenhouse building companies which sell hotbed sashes.

NEXT the surface of the ground is leveled and the coldframe set in place. The earth is dug out under the edge of the board on the north side deep enough so that it will enter the ground about 2 inches, and on the south side so that this board will enter the ground about 4 inches, and under the edge of the boards at each end we dig out the earth from 2 inches deep at the north to 4 at the south. This gives the coldframe a slant to the south, so that, when the sashes are on, *with the thicker end rail of the sash to the north*, the rain when falling on these readily flows off.

We are giving in seemingly needless detail the measurements and manner of building a simple structure, because we know from our own experience how disappointing it is for a novice to find, after his frame is finished, that he has made a mistake.

The coldframe and hotbed are identical in construction; they may be separate structures, located conveniently near each other, or the space under one or more sashes at one end of the coldframe may be separated from the rest of the frame by a wooden partition and used as a hotbed.

The month of March is the time to make the hotbed. The soil is thrown out of the inside of the frame, no matter whether it is a separate structure or a part of the coldframe, to a depth of about 18 inches, saving in a pile the richer surface soil to a depth of about 6 inches, and banking up the rest against the outside of the hotbed. Enough horse manure, or a 50-50 mixture of horse manure and leaves, is used to fill the hotbed right up to the top of the frame. Before putting it into the hotbed, it is thrown into a pile near the hotbed and forked over two or three times at intervals of one or two days, wetting it if dry. Then the pile is put quickly into the hotbed, stamped down as it is put in. The whole mass, when it is in, should be about 18 inches deep, almost entirely filling the excavation. The soil saved is sifted through a coal ash screen on top of the manure to the depth of about 4 inches, having previously been mixed with a quart of bone flour or high-grade, well-balanced chemical fertilizer to each bushel of soil, and the surface raked perfectly level. When a thermometer, placed in the bed, shows a night temperature of about 75 degrees, the beds are ready for the seeds to be planted.

The temperature of the bed should be kept about 75 degrees by day and about 60 at night. This is controlled by day through lifting the north end of one or two sashes on blocks of wood, and by night through covering the sashes with hotbed mats which can be purchased in a seed store. The soil in the bed we always keep moist, but not soggy, by applying water in the form of a spray only, with watering pot or spray pump. Radishes sown in the hotbed are allowed to remain until ready for use, and also certain varieties of small table Beets and Carrots, Onion sets, and sometimes Lettuce which has been wintered over in the cold frame and transplanted into the hotbed.

If the ground within the coldframe is merely sand or gravel, it should be removed to a depth of a foot or more and rich loam substituted; but if it is a sandy or clayey loam, it is not changed, but a spread of well rotted horse or cow manure 4 to 6 inches deep, or of sheep or hen manure 2 or 3 inches deep is applied on the surface. Next the soil is dug over to the depth of one or more feet, mixing the manure thoroughly with the soil, and pulverizing both. Then the surface is given a spread of pure bone flour sufficient to whiten it well, and the surface made level by raking.

SEEDLINGS are transplanted from the hotbed into this well prepared coldframe, in north and south rows, about 3 inches apart, the plants 2 inches apart in the row. These plants are again transplanted into the open garden, before they are large enough to crowd each other. The transplanted plants should be watered in the same way the seedlings are watered in the hotbed, shaded from the sun till they begin growing, and protected at night against late frosts by mats placed over the sashes. When necessary, the beds are ventilated by raising the north ends of the sashes, and as the weather grows warmer, in daytime the sashes may be taken off entirely so as to have short, stocky and sturdy plants to set out in the garden.

HOUSE & GARDEN'S GARDENING GUIDE

In the list of the following [illegible] the perennials [illegible] and all are alphabetically arranged. The directions tell [illegible] method of planting and propagation, and to the most suitable soil and exposure. [illegible] species and varieties.

ANNUALS AND PERENNIALS

COMMON NAME	BOTANICAL NAME	COLOR	HEIGHT	SEASON OF BLOOM	DIRECTIONS
ANNUALS					
African Daisy	[illegible]	Bl[illegible]	24″	[illegible] to N[illegible]	Sow seeds in warm soil in Spring; transplant to 18″ apart
Amethyst	Browalia alata	Blue, [illegible]	[illegible]	June to Oct	Sow seed in warm soil; thin to 6″ apart
Butterfly Flower	Schizanthus	Blue	[illegible]	[illegible] to Oct.	Sow in late Spring; transplant 18″ apart with ball of earth; stake
California Poppy	Eschscholtzia	Various	[illegible]	[illegible] to Nov.	Sow in Fall or Early Spring; thin to 8″ apart; transplants poorly
Calliopsis	Coreopsis drummondi	Yellow	[illegible]	[illegible] to Oct.	Sow directly in the border; thin to 10″ apart; sun
China Aster	Calistephus hortensus	Various	[illegible]	Aug. and Sept	Water seed before sowing and cover with sand; set out 16″ apart; sun
Clarkia	Clarkia elegans	White, rose	[illegible]	July to Oct.	Sow outdoors in early Spring, or in Fall with Winter protection; sun
Cosmos, vars.	Cosmos	Various	60″	Sept. to Nov.	Start in hot-beds in March; set out in warm soil; stake; sun
Floss Flower	[illegible]	Blue	[illegible]	[illegible]st to Nov.	Sow seed in warm soil outdoors; pick faded flowers for more bloom
Four o'Clock	Mirabilis	Red	[illegible]	[illegible] to Nov.	Sow seeds thinly in rows in warm soil; thin to 18″ apart
Garden Balsam	Impatiens balsamina	Various	[illegible]	[illegible] to Sept.	Sow outdoors in May; rich, sandy soil; sun
Gilliflower	Matthiola, vars.	Various	[illegible]	June to [illegible]	Sow indoors and out, for long bloom; transplanting beneficial; 12″ apart
Lobelia	[illegible]	[illegible]	[illegible]	[illegible]	Sow the fine seed indoors in March; plant outside 7″ apart
Love-in-a-mist	Nigella damascena	[illegible]	[illegible]	[illegible] to Oct.	Sow seeds in Spring or Fall; thin to 10″ apart
Marguerite	[illegible]	Yellow	[illegible]	[illegible] to N[illegible]	Sow seed in open in April, [illegible] apart, pinch back; sun
Marigold	Calendula	[illegible]	[illegible]	[illegible] to Nov.	Sow seed outside in early Spring; thin to 12″ apart
Mignonette	Reseda, vars.	[illegible]	[illegible]	[illegible] to Oct.	Sow seed in open; thin to 8″ apart; will not transplant readily
Moss Verbena	Verbena erinoides	[illegible]	[illegible]	[illegible] to Sept	Sow seed indoors in March; outside later for continuous bloom
Orange Daisy	Dimorphotheca, vars.	[illegible]	[illegible]	[illegible]	Sow outside in warm soil; thin to 12″–18″ apart
Painted Tongue	Salpiglossis	Violet blue	24	[illegible]	Sow the fine seeds carefully in warm soil; set out 6″ apart; sandy
Petunia	Petunia, vars.	Various	[illegible]	[illegible]	Sow best grade of seeds outside in May; thin to 9″ apart
Pincushion Flower	Scabiosa atropurpurea	Various	[illegible]	[illegible]	Sow seeds outside in May; transplant to 8″ apart; remove seed heads
Prickly Poppy	Argemone grandiflora	White	24	July to Nov.	Sow seeds thinly to avoid transplanting; will re-sow itself
Rock Speedwell	Veronica rupestris	[illegible]	4	[illegible] and June	By seed or division in good sandy soil; sun
Sanvitalia	Sanvitalia, vars.	[illegible]	6″	June to Nov.	By seed in Spring, thin to 8″ apart
Satin Flower	Godetia grandiflora	White, rose	[illegible]	[illegible] to Oct.	Blooms better in poor and sandy soil than in rich loam
Seven Sisters	Portulaca, vars.	Various	[illegible]	[illegible] to Oct.	Rake seeds lightly into soil; thin to 4″ apart
Snapdragon	Antirrhinum, vars.	Various	[illegible]	[illegible]	Sow outdoors in warm soil; transplanting seedlings to 12″ apart
Sweet Alyssum	[illegible]	White	[illegible]	May to Oct.	Sow seed month apart for continuous bloom; thin to 7″ apart
Tassel Flower	Emilea flammea	Orange	18″	June	Sow seeds in early Spring; thin to 4″ apart
Wishbone Flower	Torenia, vars.	Yel. and lav.	[illegible]	June to [illegible]	Sow indoors in late March; transplant into warm soil
Zinnia	[illegible]	[illegible]	[illegible]	Aug., Sept.	Sow seed in cold frame in March; transplant to shallow boxes; set out 18″
PERENNIALS					
American Senna	[illegible]	[illegible]	[illegible]	[illegible], August	[illegible] cut down after frost; hardy; excellent on dry soils; sun
Asters	[illegible]	[illegible]	[illegible]	[illegible] and June	[illegible] or division, in moist soil; sun
Baby's Breath	[illegible]	White	[illegible]	June to Sept.	[illegible], cuttings, or divisions; dry; sun
Balloon-flower	Platycodon grandiflorum	White, purplish	[illegible]	[illegible]	[illegible] or division; in sandy, well drained soil; sun or part shade
Balloon-flower	Platycodon Mariesi	Blue, white	[illegible]	[illegible] to Oct.	By seed, or less easily, by division; cut stems to ground in Fall
Beard-tongue	Pentstemon barbatus	[illegible]	[illegible]	June, July	[illegible] or division; sandy soil; sun, use plenty of well rotted manure
Blanket Flower	Gaillardia grandiflora	Various	[illegible]	[illegible] to Nov.	By [illegible], cuttings, or divisions; will generally not come true to parent seed
Bleeding Heart	Dicentra spectabilis	[illegible]	[illegible]	April [illegible]	By division; in rich, light loam; partial shade
Blue Bonnet	Scabiosa caucasica	[illegible]	[illegible]	[illegible]	By seed or divisions; protect in Winter; rich soil; sun
Bugle	[illegible]	Purplish,	[illegible]	May [illegible]	By seed or division; not particular as to soil; sun or shade
Butterfly Weed	Asclepias tuberosa	[illegible]	[illegible]	[illegible] and Aug.	By divisions; prefers dry soil; full sun; cut down after blooming
Candytuft	Iberis sempervirens	White	[illegible]	April and May	By seed, cuttings or divisions; one of the best foreground plants
Canterbury-bells	[illegible]	Various	[illegible]	June,	Set out young plants in May; treat as biennials; sun
Cape Hyacinth	Galtonia candicans	White	[illegible]	July, Aug	By offsets or seed; in light, rich soil; sun; protect in cold sections
Cardinal Flower	Lobelia cardinalis	[illegible]	[illegible]	July [illegible]	By seed, cuttings, or divisions; moist, rich soil; sun or part shade
Carpathian Hare-bell	[illegible]	Blue, white	[illegible]	[illegible] to Oct.	By seed, cuttings, or divisions; rock-garden; rich soil; sun
Chickweed	Cerastium tomentosum	White	[illegible]	[illegible]	By cuttings or divisions; for dry, sunny places in foreground
Chinese Larkspur	Delphinium sinense	Blue, white	[illegible]	[illegible]	By seed, cuttings, or divisions; deep, rich, sandy soil; sun
Chalk Plant	Gypsophila repens	[illegible]	[illegible]	[illegible]	By seed, cutting, or division; dry; sunny
Chrysanthemum	Chrysanthemum indic.	Various	[illegible]	Sept. [illegible]	By seed and cuttings; in rich, light soil; sun; protect in Winter
Columbine	Aquilegia caerulea	Bluish,	[illegible]	[illegible]	By seed; easily affected by nearby varieties; sandy soil; sun
Columbine	Aquilegia vulgaris	White	[illegible]	May [illegible]	By seed or seedlings; rich, moist, sandy, well drained soil; sun
Cone-flower	[illegible]	Orange	36″	[illegible] Aug.	By divisions or cuttings; not particular as to soil; sun or part shade
Coral-Bells	[illegible]	Red	[illegible]	[illegible] to Sept.	By seed or divisions; in sun or partial shade
Coreopsis	Coreopsis lanceolata	[illegible]	[illegible]	[illegible]	By seed or divisions; not particular as to soil; sun
Cowslip	Primula veris	Yellow	[illegible]	April [illegible]	By seed, or by division immediately after flowering; partial shade
Double Sneezewort	Achillea ptarmica	White	[illegible]	[illegible] to Oct.	By cuttings or divisions; in rather moist soil; sunny exposure
Dropwort	Spiraea filipendula	[illegible]	[illegible]	[illegible]	By seed in Spring, or division; dry; sunny
Dwarf Aster	Aster alpinus	[illegible]	[illegible]	[illegible]	By divisions; will grow best in partial shade
Dwarf Iris	Iris pumila	[illegible]	[illegible]	April [illegible]	By divisions; spreads rapidly; good foliage; sun or partial shade
Dwarf Starwort	Aster ptarmicoides	Red and yellow	[illegible]	[illegible] and Aug.	By seed or division; not particular, but appreciative of good soil; sun
Early Peony	Paeonia officinalis	Various	[illegible]	May, June	By division in early Fall; light manure mulch in Winter; sun or part shade
Early Phlox	Phlox suffruticosa	Various	[illegible]	[illegible] to July	By divisions; divide every three years in late Fall; rich, moist soil; sun
English Daisy	Bellis perennis	Pink, white	[illegible]	April to June	By seed in Spring, or by division in Sept.; moist; sunny
Evening Primrose	Oenothera fruticosa	Light blue	[illegible]	[illegible]	By seed or cuttings; in dry sandy soil; sun
Evening Primrose	Oenothera macricarpa	Yellow	[illegible]	[illegible] to August	By cuttings or divisions; for the foreground; dry; sun
False Camomile	Boltonia latisquama	[illegible]	[illegible]	July [illegible]	By division; prefers moist soil; sun
False Dragon's-head	Physostegia Virginica	White, rose	[illegible]	[illegible]	By division in Spring; rich, moist soil; sun
False Indigo	Baptisia australis	[illegible]	[illegible]	[illegible]	By seed or divisions; for the back of the border; any soil; sun
False Goat's Beard	Astilbe davidi	Pink	[illegible]	June, [illegible]	By divisions; not particular as to soil; partial shade
Fern-leaved Yarrow	Achillea filipendula	Yellow	[illegible]	July	By seed, cuttings, or divisions; dry soil; sun; requires staking
Flax	Linum perenne	Blue	[illegible]	[illegible] to Aug.	By seed or division; light, rich soil; sun
Forget-me-not	Myosotis palustris	Pale blue	[illegible]	May [illegible]	By seed, cuttings, or divisions; will spread very rapidly
Foxglove	Digitalis purpurea	Various	[illegible]	[illegible] July	By seed; best treated as biennial; light, moist soil; sun or part shade
Gas Plant	Dictamnus fraxinella	White	[illegible]	June, July	By newly ripened seed in open ground, blossoming three years later; sun
Garden Heliotrope	Valeriana officinalis	Lavender	[illegible]	[illegible] to Aug	By seed or divisions; any sunny location; spreads quickly
Gay Feather	Liatris pycnostachya	Purple	[illegible]	July, Aug	By fall sowing or by divisions; rich, light soil; partial shade
German Iris	Iris germanica	[illegible]	[illegible]	May, June	By divisions immediately after blooming season; rich soil; sun
Giant Daisy	[illegible]	White	[illegible]	[illegible]	By seed, cuttings, or divisions; mulch and water well while growing
Giant Daisy	Pyrethrum uliginosum	White	[illegible]	June, Sept.	By seed, cuttings, or divisions; rich, moist, heavy soil; sun
Golden Columbine	[illegible]	[illegible]	[illegible]	[illegible]	By early sown seed or division; deep, moist, sandy loam; sun
Golden Marguerite	[illegible]	Yellow	[illegible]	May to Oct.	By seed or division; plant in large clumps; any soil; full sun
Hairy Sunflower	Helianthus mollis	Deep yellow	[illegible]	July [illegible]	By seed or division; thrives in any soil; sun
Hardy Phlox	Phlox paniculata	[illegible]	[illegible]	June to Oct.	By division; rich, moist soil; sun; cut back
Hardy Sunflower	Helianthus rigidus	Yellow	[illegible]	Aug., Sept.	By divisions; light, dry soil; sun; transplant often for good development
Hollyhock	Althaea rosea	Various	[illegible]	July, Aug.	By seeds and cuttings; deep, rich soil; sun; may require staking
Horse Speedwell	Veronica incana	[illegible]	[illegible]	[illegible] [illegible]	By seed or division; prefers sandy soil; sun
Iceland Poppy	[illegible]	White, red, yel	[illegible]	May to Oct.	Sow seed early in rich soil; sun; re-sow every other year
Jacob's Ladder	Polemonium caeruleum	Various	[illegible]	[illegible] to Aug.	By seed sown in Fall, or by divisions; moist, rich soil; part shade

HOUSE & GARDEN'S GARDENING GUIDE

ANNUALS AND PERENNIALS—CONTINUED

COMMON NAME	BOTANICAL NAME	COLOR	HEIGHT	SEASON OF BLOOM	DIRECTIONS
Japanese Iris	Iris laevigata	Various	36″	June, July	By divisions immediately after blooming; water well; rich soil; sun
Japanese Primrose	Primula japonica	Various	18″	May to July	By newly ripened seed, or by division immediately after flowering; shade
Jerusalem Cross	Lychnis chalcedonica	Red	36″	June, July	By seed or divisions; light, rich soil; full sun
Larkspur	Delphinium belladonna	Blue	36″	June to Nov.	By seed, cuttings, or divisions; seed sown in August will bloom in June; sun
Larkspur	Delphinium hybridum	Blue to purple	60″	June to Nov.	By seed, cuttings, or divisions; seed sown in August will bloom in June; sun
Lead-wort	Plumbago larpentae	Purple	10″	Aug. to Nov.	By division; light soil; sun; light protection in Winter
Leopard's-bane	Doronicum plantaginum	Orange	30″	April, May	By divisions; in rich, well drained soil; sun
Loosestrife	Lysimachia clethroides	White	30″	June to Aug.	By seed or divisions; prefers moist soil; sun
Lupine	Lupinus polyphyllus	Various	40″	May, June	By seed or division; do not disturb after planting; any soil; sun
Meadow Sage	Salvia azurea	Blue	40″	Aug., Sept.	By seed or division; light, sandy soil; slight protection in Winter; sun
Meadow Sweet	Spireaea astilboides	White	14″	June	By seed, or better, by divisions; prefers moist soil; part shade
Michaelmas Daisy	Aster grandiflorus	Purplish	30″	Sept. to Nov.	By seed or division; rich, moist soil; the best of the hardy asters
Mist Flower	Eupatorium coelestinum	Blue purple	20″	Sept. and Oct.	By cuttings; any soil; sun; protect in Winter
Monk's hood	Aconitum napellus	Purple	48″	Aug., Sept.	By divisions; rich, moist soil; partial shade; requires staking
Mountain Bluet	Centaurea montana	Yellow	20″	May to Sept.	By seed or seedlings; any soil; sun
Mountain Pink	Phlox subulata	Various	10″	April and May	By seed, cuttings, or division; will spread; dry soil; sun
New England Aster	Aster Novae-Angliae	Rose, lavender	48″	Sept. to Nov.	By seed or divisions; in any soil; preferably moist; sun
New York Aster	Aster Novi-Belgi	Rose, lavender	48″	Sept. to Nov.	By seed or divisions; in any soil; sun
Oriental Larkspur	Delphinium formosum	Purple	36″	June to Nov.	By seed, cuttings, or divisions; seed sown in August blooms in June
Oriental Poppy	Papaver orientale	White	30″	May, June	By newly ripened seed or by division in August; do not disturb; sun
Ox-eye	Heliopsis laevis	Orange	36″	July, Aug.	By division; divide fairly often; dry soil; sun
Pink Meadow Rue	Thalictrum aquilegifol.	Rose	36″	May to July	By seed or division; well drained soil; sun or part shade
Plume Poppy	Bocconia cordata	Pinkish	60″	July	By seed or by suckers; apt to spread vigorously; any soil; sun
Poppy Mallow	Callirhoe involucrata	Red	10″	June to Nov.	By seed, or by cuttings; light soil; prefers sun
Purple Cone-flower	Echinacea purpurea	Purple	36″	June to Nov.	By seed or divisions; rich, sandy soil; full sunlight
Pyrethrum	Pyrethrum hybridum	Various	18″	June and July	By division in Spring; in rich, sandy, well-drained soil; sun
Red-hot-Poker Plant	Tritoma pfitzeri	Orange	30″	Aug. to Nov.	By division; protect south of Philadelphia; take up rhizomes in North
Red Sneeze-weed	Helenium autumnale	Red	54″	July, Aug.	By seed, cuttings, or divisions; moist, rich soil; sun; susceptible to aphis
Rock Madwort	Alyssum saxatile comp.	Yellow	12″	April and May	By seed, cuttings, or divisions; cut back first blooms for second
Rose-campion	Agrostemma coronaria	White, crimson	30″	June, July	By seed; not particular as to soil; sun
Rose Loosestrife	Lythrum salicaria	Rose	36″	July, Aug.	By division; unparticular as to soil or exposure
Rosy Meadow-Sweet	Spiraea palmata	Pinkish	30″	June to Aug.	By seed or divisions; moist, rich soil; partial shade
Scotch Pink	Dianthus plumarius	Various	10″	May and June	By seed or divisions; divide every three years; sun
Sea Lavender	Statice latifolia	White	18″	July and Aug.	By seed sown in Spring; do not disturb after planting; sandy; sun
Shrubby Clematis	Clematic davidiana	Blue	36″	July, Aug.	By cuttings or divisions; mix lime in soil; water well; sun; stake
Siberian Iris	Iris sibirica	Various	30″	May, June	By division; plant deep and water well; rich soil; sun
Sneeze-weed	Helenium autumnale	Yellow	54″	Aug., Sept.	By seed, cuttings, or divisions; moist, rich soil; sun; susceptible to aphis
Speedwell	Veronica longifolia	Blue	24″	July to Sept.	By seed or divisions; in rich soil; sun
Spiderwort	Tradescantia virginiana	Blue	24″	May to Sept.	By cuttings or divisions; any soil; sun or part shade
Spring Adonis	Adonis vernalis	Yellow	12″	April and May	By newly ripened seed, or divisions; sandy soil; shade
Stoke's Aster	Stokesia cyanea	Blue	18″	June to Nov.	By division; sandy soil; sun
Swamp-rose	Hibiscus	Various	60″	Aug. to Oct.	By seed or division; in moist soil; partial shade
Spring Windflower	Anemone sylvestris	Pink	16″	April to June	By division; in rich soil; shade
Sweet William	Dianthus barbatus	Various	14″	May and June	By seed sown in July for next year's bloom; poor soil will do; sun
Tree Peony	Paeonia moutan	Various	48″	May	Plant roots after August; prepare deep, well manured soil; the largest peony
Tufted Pansy	Viola cornuta	Blue	6″	April to Nov.	By seed, cutting, or division; in sun or partial shade
White Rock-cress	Arabis albida	White	10″	April and May	By seed, cuttings, or divisions; will grow well in poor soil; sun
Windflower	Anemone japonica	Various	30″	Sept. to Nov.	By seed or divisions; should not be disturbed; protect slightly; shade
Woolly Yarrow	Achillea tomentosum	Yellow	10″	May, June	By seed, cuttings, or divisions; in poor, dry soil; sun
Yellow Day-Lily	Hemerocallis flava	Yellow	30″	May, June	By division; thrives best in rich, moist soil and partial shade
Yellow Foxglove	Digitalis ambigua	Yellow	30″	June, July	By seed or divisions; light, moist soil; part shade; keep cut back

SUMMER FLOWERING BULBS

Gold-banded Lily	Lilium auratum	Cream to purple	36″	July, Aug.	Plant on layer of sand in well prepared soil, 6″ below surface; mulch; sun
Bates's Lily	Lilium elegans	Apricot	30″	July, Aug.	Do not let manure come in direct contact with any of the lilies; same as above
Madonna Lily	Lilium candidum	White	36″	June, July	Plant 4″ below surface in well drained soil; except for depth, same as above
Thunberg's Lily	Lilium thunbergi	Orange	24″	June, July	Bulb should be covered with light soil mixed with leaf mould; 6″ below surface
Henry's Lily	Lilium henriy	Spotted orange	72″	Aug., Sept.	Same as above
Japanese Lily	Lilium speciosum	Spotted white	36″	Aug. to Sept.	Same as above
Turk's-Cap Lily	Lilium superbum	Spotted orange	60″	June,July	Same as above
Tiger Lily	Lilium tigrinum	Spotted orange	48″	July, Aug.	Same as above
Siberian Coral Lily	Lilium tenuifolium	Scarlet	24″	June	The base of the bulb should come 4″ below the surface of the ground
Summer Hyacinth	Hyacinthus candicans	White	42″	Aug., Sept.	Set out in well drained soil mixed with leaf mould; may require staking; sun
Gladiolus	Gladiolus, vars.	Various	36″	Aug., Sept.	Set pips out in light, friable soil, mixed with peat; succession of plantings
Crow Foot	Ranunculus	White, yellow	18″	June	Single and double forms; easily grown; good for cuttings
Fairy Lily	Zephyranthus	White, pink	10″	June to Sept.	Plant in clumps in the foreground of the border; store in warm place
Giant Asphodels	Eremurus, vars.	Various	72″	June, July	Plant in rich, well drained soil; may require staking
Blazing Star	Montbretia crocos.	Red	36″	June to Oct.	Plant in rich, well drained soil; sun

ANNUAL AND PERENNIAL VINES

COMMON NAME	BOTANICAL NAME	CHARACTER	DIRECTIONS
ANNUALS			
Cup-and-saucer Vine	Cobea scandens	Light violet, bell shape flowers	Place seed in moist earth, edge down
Hyacinth Bean	Dolichos lablab	Tall and twining; purple and white flowers	Plant from seed
Jap. Morning Glory	Ipomea hederacea	Flowers from white to lavender	Plant seedlings
Moon Vine	Calonyction aculeatum	Fragrant white and purple flowers	Start from seedlings; needs a long, warm season
Morning Glory	Ipomea purpurea	Flowers from white to lavender	Plant seedlings
Scarlet Runner Bean	Phaseolus multiflorus	Purple and white flowers; purplish beans	Plant from seed
Wild Cucumber	Echinocystis lobata	Rapid growing; greenish white flowers	Grow in rich soil in an out-of-the-way place
PERENNIALS			
Akebia	Akebia quinata	Fragrant rosy purple flowers in early Spring	Propagate by layers
Asiatic Creeper	Ampelopsis heterophylla	Splendid for stone and brick walls	Propagate from cuttings in sand
Bittersweet	Celastrus scandens	Shrubby in growth; decorative fruits	Use nursery grown stock
Boston Ivy	Ampelopsis tricuspidata	For masonry walls	Propagate from cuttings in sand
Cut Leaved Vitis	Ampelopsis aconitifolia	For masonry walls	Propagate from cuttings in sand
Dutchman's Pipe	Aristolochia sipho	Robust vine for dense shade	Propagate from cuttings
English Ivy	Hedera helix	Practically evergreen; on walls and ground	Propagate from cuttings in sand
Euonymous	Euonymous radicans	Oval evergreen leaves; a splendid vine	Use nursery grown stock
Honeysuckle	Lonicera, vars.	Rapid grower for covering slopes	Plant seedlings
Hop Vine	Humulus lupulus	Vigorous; beautiful when in fruit	Propagate by division or seed
Japanese Clematis	Clematis paniculata	Covered in Summer with small white flowers	Use young nursery stock
Knotweed	Polygonum bald.	Vigorous; sprays of rosy-tinted flowers	Graft on pieces of its own roots
Kudzu Vine	Pueraria thunbergiana	A very vigorous grower	Plant from seedling
Anemone Clematis	Clematis montana, vars.	White, rose, lavender flowers	Use young nursery stock
Matrimony Vine	Lycium halimifolium	Shrubby; purple flowers; red fruits	Use nursery grown stock
Silver Vine	Actinidea, vars.	White waxy flowers	Plant in rich soil from seed; shelter
Trumpet Vine	Bignonia radicans	A well known favorite	Plant from seedlings
Virginia Creeper	Ampelopsis quinquefolia	Heavier growing than other varieties	Propagate from cuttings in sand
Wisteria	Wisteria, vars.	Fragrant lavender clusters in Spring; long lived	Plant healthy nursery grown stock

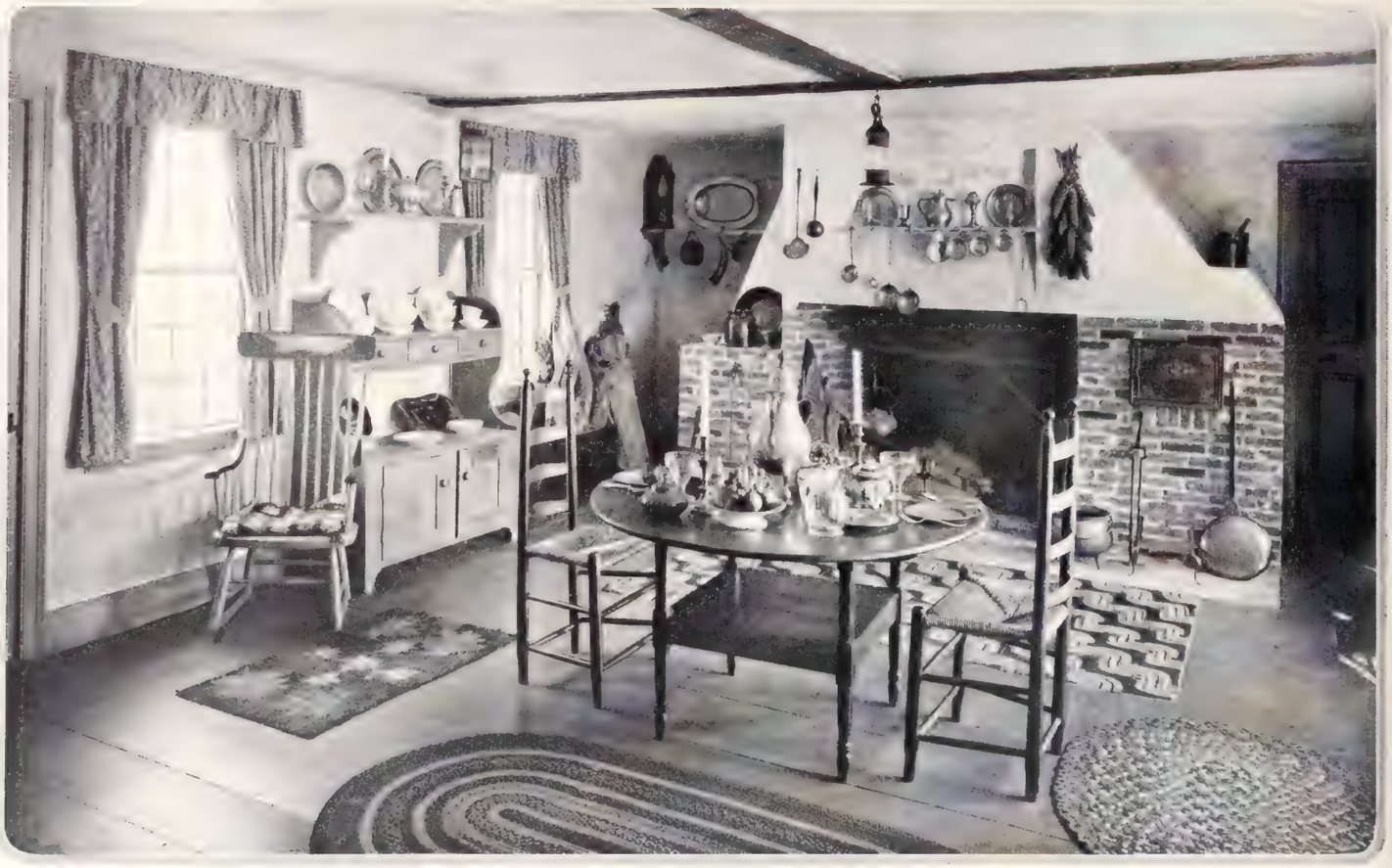
VEGETABLES FOR A CONTINUOUS SUPPLY

VEGETABLE AND TYPE	VARIETY	FIRST PLANTING	SUCCESSIVE PLANTINGS WEEKS APART	AMOUNT OR NUMBER FOR 50' ROW	DISTANCE APART	DIRECTIONS
Bean, bush, Green Pod	Early Bountiful	April 15	2–3: to Aug.	1 pt.	18" x 4"	In dryest soil available; cover first planting 2" deep.
Bean, bush, Wax	Rust Proof Golden Wax	April 20	2–3: to Aug.	1 pt.	18" x 4"	In dryest soil available; cover first planting 1" deep.
Bean, bush, Lima	Burpee Improved	May 1	2–3: to July	1 pt.	24" x 6"	Plant with eye down, when there is prospect of dry weather.
Bean, pole	Golden Cluster	April 25	June 15	½ pt.	4' x 4'	Place poles before planting in hills, thin out
Bean, pole, Lima	Early Leviathan	May 1	June 15	½ pt.	4' x 4'	Eye down in slightly raised hills; thin to best two.
Beets, Ex. Early	Early Model	April 15	2–3: to Aug.	½ oz.	12" x 2"	First planting shallow, about ½" deep and thick.
Beets, main and winter	Detroit Dark Red	May 1	2–3: to Aug.	1 oz.	12" x 3"	In dry weather, soak seeds; firm well; for winter use sow about three months before harvesting.
Brussels Sprouts	Dalkeith P	June 15	July 15	50	24" x 18"	Transplant at four to six weeks; same treatment as late cabbage; pinch out tops when "buttons" are formed.
Cabbage, Ex. Early	Copenhagen M'k't	April 15	P	50	24" x 18"	Set out well hardened off plants as soon as ground can be worked; fertilize in rows.
Cabbage, summer	Succession	May 15	P	July	30	30" x 18"	Light applications of nitrate of soda beneficial; to keep mature heads from splitting, pull enough to loosen roots.
Cabbage, late	Danish Ball Head	July 1	P	July	30	30" x 18"	Transplant from seed sown June 1st; use water in bottoms of holes if soil is dry; firm well.
Carrots, Ex. Early	Early Scarlet Horn	April 15	4–5: Aug.	½ oz.	1' x 1'	First planting thick, ½" to 1" deep; thin early.
Carrots, main and winter	Danvers	May 15	July	½ oz.	1' x 1'	Select rich, deep soil to get smooth roots; for storing plant about 90 days before the harvesting time.
Cauliflower, spring and fall	Early Snowball	April 20	P	4: to July 20	50	24" x 18"	Enrich rows; protect from cutworms; plenty of water when heading.
Celery, Early	Golden Self-Blanching	May 1	P	100	24" x 6"	Enrich rows; plenty of water; hill up to keep stalks upright; blanch two weeks before using.
Celery, late	Winter Queen	June 1	P	July 1	100	24" x 6'	Sow seeds six to eight weeks before transplanting; hill up; store in cellar for winter.
Corn, Early	Golden Bantam	May 1	3: to July 1	½ pt.	2' x 2'	First planting in dry soil; cover only 1" deep; give protected sunny exposure if possible.
Corn, main crop	Country Gentleman	May 15	July 1	½ pt.	2' x 2'	Thin to 3 or 4 stalks in hill; plant 3" deep in dry weather; cultivate shallow.
Cucumber, for slicing, etc.	Davis Perfect	May 15	July 1	½ oz.	4' x 4'	Enrich hills; thin to 3 or 4 plants; protect from striped beetle.
Cucumber, for pickles	Ever-bearing	June 1	July 1	½ oz.	4' x 4'	Gather fruits while quite small, keep them all picked for continuous bearing.
Egg-plant	Black Beauty	May 20	P	50	24" x 24"	Enrich hills, give plenty of water, protect from potato bugs.
Endive	Green Curled	June 1	4: to Aug. 1	½ oz.	12" x 12"	Culture same as for lettuce save that leaves should be tied up to blanch for use.
Kohlrabi	White Vienna	April 15	2–3: to Aug. 1	½ oz.	12" x 4"	Treatment similar to turnips; thin out as soon as possible; begin to use while small, 1" or so in diameter.
Leek	Giant Carentan	April 15	2–3: to July 1	½ oz.	12" x 3"	Transplant at size of lead pencil to deep, well enriched trenches, hill up to bleach.
Lettuce, loose leaf, for spring	Grand Rapids	April 15	P	3: to May 15	50	12" x 6"	Sow seed where plants to stay out, and for succession plantings, thinning out early.
Lettuce, spring and fall	Big Boston	April 15	P	3: to May 15	50	12" x 12"	Thin out early; for fall, plant July 15 to August 15.
Lettuce, "Crisp Head," for summer	Brittle Ice	May 1	P	12" x 12"	Give plenty of water; top-dress with nitrate of soda; thin out as soon as possible.
Melons, musk	Netted Gem	May 15	June 1	½ oz.	4' x 4'	Enrich hills with old compost and wood ashes; add sand in heavy soil; protect from striped beetle.
Melons, water	Hackensack	May 15	June 1	1 oz.	6' x 6'	Same as for musk melons; pinch out tips of runners at 5' or 6'.
Melons, water	Halbert Honey	May 15	50	6' x 6'	Give warm, rich soil; nitrate of soda during early growth; treat like corn; use pods while young.
Okra	White Velvet	May 15	50	12" x 12"	Mark out drill; insert up to neck.
Onions, "sets"		April 1	½ pt.	2"	Keep clean; top-dress with nitrate of soda; do not thin until well along.
Onions, globe	Ailsa Craig	April 1	100	4" x 12"	Start seedlings and transplant to rich soil; give plenty of water.
Onion, large Spanish	Gigantic Gibraltar	April 1	100	4" x 12"	Soak seed for twenty-four hours; cover very lightly; thin out early.
Parsley	Emerald Curled	April 1	50	12" x 12"	Cover first planting about 1" deep; sow only a small quantity as wrinkled variety is better flavored.
Peas, Dwarf	Alaska	March 15	50	2" x 2"	Dwarf varieties 2" x 2"; make first plantings in light soil, or on slightly raised drill ½" to 1" deep.
Peas, Early, wrinkled	Gradus	April 1	50	2" x 2"	Make later plantings in trench, filling in gradually as vines grow, plant early varieties July 30 to August 10 for fall crop.
Peas, wrinkled, main crop	Alderman	April 1	1 pt.	2" x 2"	Same as for egg-plant; use good strong potted plants for both to get best results.
Peppers, large fruited	Ruby King	May 15	25	24" x 24"	Top-dress with nitrate of soda during early growth.
Peppers, small fruited	Cayenne	May 15	25	24" x 24"	Select deep, loose soil or trench before planting.
Parsnips	Hollow Crown	April 1	50	4" x 12"	For earliest results sprout four weeks in sunlight before planting.
Potatoes	Irish Cobbler	April 1	1 pk.	12" x 36"	Plant in rich hills; if space is limited, put near edge of garden, or train where vines can run along fence.
Pumpkin	Connecticut Field	May 15	25	6' x 6'	Make frequent small sowings; work lime plaster, soot or wood ashes into row, take up and destroy roots not used.
Radish, Early	Crimson Giant Globe	April 1	to Sept.	50	12"	Thin out early; plant in finely prepared soil.
Radish, summer	Chartier	April 15	50	2" x 2"	Roots best eaten in early stage of growth, when tender and crisp; for best quality sow frequently in small quantities.
Radish, winter	White Chinese	July 15	50	12" x 12"	Sow in August to get roots of best size and quality, not overgrown.
Rutabaga	Golden Heart	July 1	100	15"	Excellent for storing for winter; culture similar to turnip; late planting makes best quality roots.
Salsify	Sandwich Island	April 15	100	3" x 12"	Be careful to get seed thick enough; sow in deep, fine soil to get smooth roots.
Spinach	Victoria	April 1	2: to Sept.	100	12" x 1'	Sow in rich soil; thin first to 2" apart; second thinning may be used for table; apply nitrate of soda.
Squash, summer	Golden Summer Crookneck	May 15	June 1	50	5' x 4'	For bush 4' x 4'; enrich hills; thin to two or three plants; protect from bugs.
Squash, winter	Hubbard	May 1	July 1	50	6' x 6'	Thin to two plants when vines begin to crowd; watch for borers; protect from squash bugs.
Swiss chard	Lucullus	April 1	50	18" x 12"	Sow about half as thick as beets; thin out as soon as well started; cut leaves in gathering 3" or so above crown.
Tomato, Early	Stone Ideal	May 15	P	100	3' x 3'	Enrich hills; use plant support or stake; keep suckers trimmed off; apply nitrate of soda.
Tomato, main crop	Jewel	May 1	P	100	4' x 4'	Use poison bait for cutworms before setting out; thin fruit clusters if fruit rot appears.
Turnip, summer	Amber Globe	April 15	2–3: Sept. 1	50	12" x 12"	Sow thinly and thin out as soon as possible.
Turnip, winter	White Globe	June 1	Aug. 1	50	12" x 12"	For winter use do not sow too early, two to three months before harvesting, according to variety.

Plants, which are usually especially enriched before planting, are isolated groups or clusters even after thinning stand at irregular distances, usually touching.

Hilling is drawing the soil up toward the roots or stem, to a wide, slight hill is the best.

Blanching is necessary to prepare some plants, such as celery and endive, for use by excluding light, keeping them tender and crisp.



M. L. Hesser

The dining room with its commodious fireplace and fine array of old furniture, china and pewter is one of the most attractive rooms in the house. The ceiling here was raised to show the old hand-hewn beams

THE COUNTRY HOUSE A FORD BUILT

The Adventure of an Amateur Architect

ERNESTA BULLITT

INNOCENTLY weekending one Spring in the Berkshires in a locality geographically very vague in my mind I found myself by Monday morning bound hand and foot to the ownership of a farm and pledged to its rebuilding. The idea to anyone of a wandering disposition was staggering, but it had been purchased, as many a remote New England farm may be, for the price of a moderately good motor car, so the affair would not be entirely disastrous in any case.

In the first place the farmhouse itself was some three hundred yards in from the rocky lane. This was distinctly an asset. In the second place the house was ugly which was a challenge. It had been built a little too late and labor-saving devices had already made men think it a waste of



The large wall spaces in the living room are effectively decorated with colorful landscape painted panels, framed in narrow moldings. The furniture here is an attractive assortment of French, English and Spanish styles



The rose vine at the porch, to which the large flowering vine, wisteria, is also trained, has grown to a huge size



Climbing Roses, Delphiniums and low growing shrubs are massed about the small door at the dining room

time to do things carefully. The big central chimney was gone, the old windows had been taken out, there were no shutters and the broken cellar windows opened disreputable eyes at one. It was barren of a single Lilac bush to soften its angles, but in front of the house were giant Sugar Maples from which the ground swept down and away in a broad meadow, then up again in wooded hills from a stream at the bottom. Attached to the house in an L was a long shed, and a few yards distant from the end of the shed a great cow barn built at right angles from the shed formed a courtyard. This was a noble cow-barn. Ninety feet long it was and broad in proportion. The stone foundations would have aroused the jealousy of any pyramid building Pharaoh, the broad lofts would hold hay enough for an army of cows and the round turreted silo looked feudal and protecting. Behind the buildings the ground rose up hill after hill in close cropped stone-walled pastures whose grey bones were covered with thick brilliant moss and crisp mottled lichen. An apple orchard sweet with blossoms showered petals against the cobwebbed windows of house and shed.

It took only a moment to walk through the little rooms; to imagine another chimney in the great hole where the cooking fireplace had been; to step into the connecting [illegible] an excellently proportioned living room would have by running it to the peak of the roof and ending it with the hayloft at the further end, to cross the dirt floor and cast an eye over the pigsty, the carpenter shop and the three horsestalls and imagine them as two guest rooms, a bathroom and a linen closet; and to see in the hayloft above a bedroom, bath and dressing room; and in the moment that it took to imagine these things I became a slave to the idea.

The next step was an architect. Windows had to be designed and chimneys that would draw. It seemed an imposition to ask anyone to do so little, it was so obvious that the only one to whom the venture could prove profitable would be the plumber. Besides, one is apt to be suspicious of architects. We know their hearty contempt for their clients; we know them to be tyrants and they are always telling us things are impossible. They carry out all their own ideas and make us believe they are carrying out ours. Still on consulting Mr. Louis Weeks he proved extremely agreeable and showed no jealousy of the plumber, nor did he wish to pull the whole place down and build it up again.

Early the next Spring work began. It was scarcely a fair test of character to arrive and find the kitchen filled with the fittings for five bathrooms, the new stove

(Continued on page 124)

TOWN BETTERMENT

House & Garden's Plan For Improving the Incidental Architecture of the Community

IN THE April issue two of our pages will step outside the front gate and give attention to the house-and-garden affairs of the community. From April on these two pages each month will be devoted to practical suggestions for the improvement of the small but necessary architectural features of the town and countryside. Roadside Refreshment Booths (such as the ubiquitous hot-dog stand), Filling Stations, Street Lamps, Town-limit Signs and Route Signs, Real Estate Field Offices, and Flagpoles and Benches are now being designed for HOUSE & GARDEN by leading architects throughout the country. Our scheme is to offer thoughtful and artistic designs that will cost no more to build than the present examples of these things which are more often than otherwise objects of extraordinary and painstaking ugliness.

TO MAKE this service something more than merely pictorial, the designs will not only be published, but complete plans and working drawings will be furnished free of charge to anyone who wishes to aid the cause of civic beauty by building them. It is our hope that not only private individuals, but that such community organizations as Civic Improvement Societies, Chambers of Commerce, Park Boards, Garden Clubs and town officials will be tempted to avail themselves of this opportunity to better the minor architecture of their streets, parks and roadsides by using the talent which we are putting at their disposal.

THE first things to be published will be three designs for Roadside Refreshment Booths, for we feel that the need for greater loveliness is more urgent here than in any of the other features we propose to plan. There will be three distinct sizes and types, from the smallest and simplest possible. They will be shown, in sketches, as they will actually appear. Plans and details of their construction will also be given. This scheme of publication will carry on from month to month with the single exception that where the designs are for the smaller devices—Benches, Signs and Street Lamps, six designs of each will be presented. Immediately upon publication complete working drawings of any of the designs may be had for the asking. Any suggestions for broadening the scope of this service will be gratefully received. Requests for plans and information should be sent to the Town Betterment Editor, HOUSE & GARDEN, 19 West 44th Street, New York City.

A LITTLE PORTFOLIO OF GOOD INTERIORS



Georgian living room. The walls are cream colored plaster,







From an old Adam mantel came this inspiration for the color scheme of the living room above, another view of which appears on the opposite page. Tan wall and Wedgwood blue and the accessories a delicate mauve



(Opposite) A fine old Queen Anne walnut bookcase, painted cream color inside, gives interest to the fireplace end of a small living room in the country house of George Eyer, at Short Hills, N. J. Elsie Cobb Wilson, decorator

A charming contrast to the buff walls in the living room above is the glazed chintz on the davenport sofa. This has a faded mauve ground and a design of Hollyhocks and Daisies in soft shades of mauve, pink, yellow and blue

A small breakfast room in the same house has pink walls, glazed chintz curtains in blue, pink and mauve, and maple furniture. It is in the home of William S. Peace at Rydal, Pennsylvania, of [illegible] Mrs. Peace was the former



An early copperplate horticultural print engraved by an Italian artist. From the author's collection

COLLECTING OLD FLOWER PRINTS

A Wealth of Material Offers Itself to Those Who Appreciate These Decorative Pictures

GARDNER TEALL

THE delineations of the natural forms of flowers seem to fit in with almost any decorative scheme, and, unlike the "Fruit-pieces" which tickled the palates of home-abiding "art-lovers" in the middle quarters of the 19th Century, they are properly at home in any room in the house.

The old masters who essayed the art of flower painting, particularly the Dutch and Flemish artists of the 17th and 18th Century,—Jan Brueghel, known as "Flower-Brueghel," Jakob Wouten (Vosmaer), Daniel Zeghers, Nicolaes van Verendael, Jan van Huysam, and such—all these might have been expected to have inspired contemporary engravers to choosing flowers for subjects. The contrary, strangely enough, seems to be the fact. Comparatively few of the earlier engravers or etchers of these centuries paid any particular attention to flower pieces. Our great print collections, public and private, contain comparatively few flower subjects by graphic artists before the 18th Century was drawing to a close. Even then it is mainly to the 19th that we must turn for the bulk of our flower prints. Here reproduced is a 16th Century copperplate engraving, "Odoratus," from the writer's collection and the "Spring" from Wenceslaus Hollar's Seasons series repro-

(Below) "Spring", an old copperplate engraving by Wenceslaus Hollar (1607-1677). Courtesy of Kennedy & Co.





A title page from "The Poetry of Flowers and the Flowers of Poetry" which was published in New York in 1841



Gaines King Geranium, Broom flowers and Borage, from "The Ladies' Wreath", published in New York, 1847



The Moss Rose in color as the frontispiece to "The Ladies' Wreath" of 1847. From the author's collection



(Above) A typical flower piece, painted by Nicolaes van Veerendael (fl. 1640-1690). From the Metropolitan Museum

(Below) Flowers in a vase, painted by Jacob Vosmaer about 1641. From the Metropolitan Museum of Art



Rose, Passion Flower, Violets and Lily of the Valley, one of the color plates printed in "The Ladies' Wreath" of 1847

duced by courtesy of Messrs. Kennedy & Co. These suggest the genre of the earlier horticultural prints before the advent of the English engraver, Richard Earlom (1743-1822) whose mezzotint of "Flowers and Fruit," after the painting of Jan van Huysam, is one of the finest examples of the engraver's art.

If Dutch and Flemish flower-painters were not followed in their subjects by their contemporary engravers, neither were Jean-Baptiste Monnoyer and his son, Antoine in France, nor Juan de Arellano and Bartolomé Perez in Spain. The earlier German engravers likewise produced few horticultural prints aside from such as served to illustrate books on horticultural subjects.

Although the early horticul-

(Continued on page 110)



Oleander, Carnation and Forget-me-not, a colorful old flower print suitable for hanging in a country house





Forget-me-nots, Tulips, Narcissus and Snowdrops, as pictured by the Victorian artist of "The Ladies' Wreath"

INSULATING THE HOUSE

For the Confining of Heat in Winter, Coolness in Summer and Sound Always, there are Various Efficient Fabrics

ETHEL R. PEYSER

HAS it ever occurred to you that in winter you help the sun to melt the snow off your roof and that fortunes in fuel are wasted by this philanthropy? If you would end this waste, you can do it easily by lining your roofs, walls and floors with special types of insulation, then keep your fuel for heating your home rather than the surrounding country—which the sun has been doing for aeons and aeons!

Insulation is not just another way to spend money, it is another way to get a return on your investment. Many a home builder has thrown up his hands in horror at the thought of spending any more on an already bill-covered building. But when it is shown how much can be saved in building materials, and when he realizes the subsequent low fuel cost, he surrenders to it. For, after all, he must save money, and with adequate insulation, he can. Then, too, the mortgage companies are beginning to insist on proper insulation, for it increases and insures the security of their investments.

Winds will not penetrate a well insulated house and no cold weather will get the better of your fuel service. You can build where there is very little natural protection. Even in the Polar expeditions the huts are insulated against the terror of the Polar day and night!

We have always insulated more or less, to be sure—mostly less! We have used building paper, but we have scarcely come to realize how much walls of frame, brick and hollow tile can be additionally sealed by one of the good insulating materials.

HEAT rises through the house as is its usual habit everywhere; but instead of letting it rise and seek the great outdoors, insulation keeps it in the house and therefore keeps the house warm throughout.

In general, here are the most widely used types on the market:

1. Corkboard.
2. Cane fibre compressed.
3. Eel grass felted between heavy paper sheathing and often asbestos sheathing.
4. Cattle hair quilted between heavy paper sheathing.
5. Semi-rigid pulp felted between heavy paper sheathing.
6. Vegetable fibre quilted between paper sheathing.
7. Semi-rigid vegetable fibre.
8. Wood pulp felted between heavy paper sheathing.
9. Asbestos in various forms.

We will take up the more important of these nine types and in that way you will get an idea of what there is. To begin with, they are all more or less sound governors and fire retardents, and every one listed below is worthy of adoption as insulators.

ONE of these inexpensive insulations is made of a wool-like mat of wood pulp sandwiched between layers of waterproofed paper, chemically treated against fire, mice and household pests. It comes in large rolls in three standard widths, designed in dimensions for use between the studdings and the rafters. It has many thousands of air spaces which trap the air and will not let it pass out and be wasted. It is dustproof, wind and waterproof and has even been used in the Arctic for explorers' huts.

Its flexibility makes it easy to turn corners and to be wrapped about things readily.

Another flexible insulation, also in rolls and varying in thickness and suiting the studding and joist idiosyncrasies, has a historic background. It is made of eel grass, which the New England people have used for ages in their weather-beaten homes to protect them from the ravages of the winds and sun. This brand has been chemically treated to make it most inhospitable to rats, mice and vermin, while the crinkliness of eel grass makes many little dead air spaces to say to the air, *Thou Shalt Not Pass!*

This grass is sandwiched between prepared paper and some is placed between asbestos which, of course, makes it a bit more of a fire retardent than without this protection.

It is sewed strongly together and will endure. In fact, some of it has lasted a hundred years.

It is claimed to be equal in its varying thicknesses to about twenty-eight to forty layers of building paper. It can be applied to brick veneer and frame, with and without plaster but it is wiser for permanence always to use plaster in building. So here again you can save labor and expense.

Of the semi-rigid insulations we will speak of the compressed fibre type which is a blanket of degummed *pure* linen called by some, or, "flax straw," held together by compression and with *no* foreign substances. It is a trifle more expensive than some but it has many excellences which you will note, and its endurance is from one generation to another.

Being semi-flexible, it can "turn a corner" with ease and simplicity. Bending does not break it.

It is claimed to be equal as a non-conductor to twenty-seven times its own thickness in concrete, seventeen of brick and mortar and four inches of lumber! It is rot-proof, moisture-proof, vermin-proof. As a sound governor it is used in musical instrument salesrooms, concert halls, auditoriums and noisy power houses to make each room free from the vagrant sounds set free in others.

As a structural insulation this is not quite so good as some others, except in cases where fire is a hazard. Around pipes, furnace jackets, boiler jackets and the like, it is *invaluable*, and is as indispensable as fire screens for stoves and ranges and partitions.

It is well to use asbestos with an excellent insulation on special moveable wall partitions and rolling doors for schools for then you will get insulation and fire protection too.

Of course, as a fire proofing material, we have nothing equal to asbestos. As an insulator in tests, it is excellent, but its chief use is fire-proofing. As an insulator it is easily and comfortably installed.

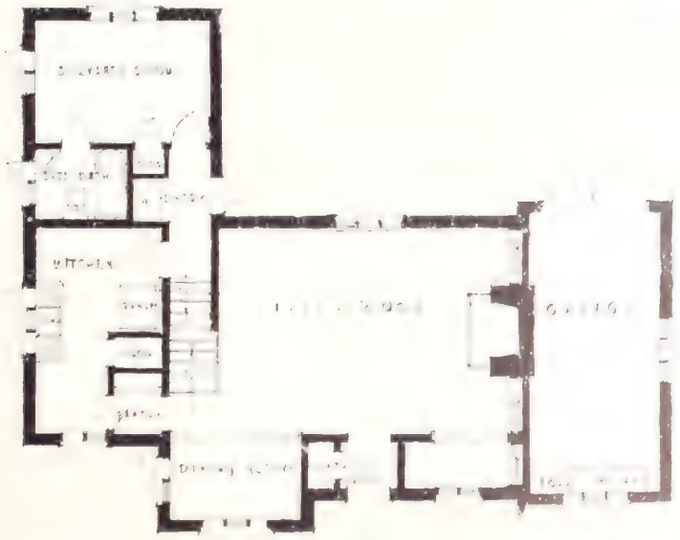
There is another insulation material which is very rigid and has great structural strength. It is made of compressed cane fibre felted together without glue or foreign substances, and is decorative. It can be used outside as a wall or ceiling finish or inside as only an insulating material; as a base for stucco (wire lath is recommended for use between stucco and board) but it can be used with plaster without any intermediary. It can be used instead of plaster and painted upon and given any finish for wall or ceiling. It can be used for walls, ceilings with or without plaster, and as roof and wall insulation.

WHEN replastering is necessary, this board can be nailed directly over the old plaster, making little disorder and effecting economies of time and money, and then it can be finished as desired. You can change an old, non-stucco house into a stucco house by nailing this to the outside walls of the house and applying stucco and wire lath. Furthermore, old and new garages can be finished too with this board, as well as insulated with it. It is 5/16 inches thick and is claimed to be equal to eight inches of brick, twelve inches of concrete and fifty layers of builders' paper as a heat blocker.

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A THREE PAGE GROUP OF TWO SMALL HOUSES

From New York and Georgia



Frances B. Johnston

Dignified symmetry, a close adherence to traditional formality in the exterior design of this small house are carried out in the interior. The result is delightfully successful. The front portico, small and detached, suits buildings of grander proportions, and the dignity with which the architectural theme is carried out is worthy of note. The simple iron balustrade



FLOOR PLAN

A SMALL HOUSE OF FINE FORMALITY

Hentz, Reid & Adler Architects

Practically the whole house has been fitted onto one floor. A central hallway, connecting the portico with the living room in the rear, separates the dining room and service section from the sleeping quarters on the right. Hunter Perry, Atlanta, Ga., owner

The small hall in two sizes is distinguished by an interesting wall paper and a nicely balanced group of furniture consisting of an 18th Century chest of drawers and painted cottage chairs





The living room is ideally proportioned for comfort and convenience, built-in bookcases a mute betrayal by an Oriental rug and gay chintz covers on the chairs



One wall in the dining room has been finished in smooth plaster painted a neutral tone. This makes a nice contrast to the wall paper and a dignified background for the classic lines of the mantel





On this house are hand-made shingle tiles, laid irregularly to give an appearance of age. The laid tile has an affinity for half-timber houses, its warm colors harmonize with the wood and brick. David Adler and Robert Work, architects

THE ROOF OF TILE

Considering One of the Most Ancient Types of Roofing From Its Various Aspects of Beauty and Practicality

FREDERICK HOUSTON

THE tile roof has a distinguished past. It was an accompaniment of the ancient civilizations of China, Japan, India, Persia, Asia Minor, Greece and Rome. All of these used baked clay for covering their buildings, and each evolved more or less characteristic forms and colorings.

With the spread of the civilization of ancient Rome into the West and North of Europe, the tile roof gradually became at home all over the European continent. The Mediterranean countries kept more closely to the Roman-tradition, while the North and West of Europe, including England, with new racial influences and more rigorous climatic conditions, developed variations which in these more Northern districts became peculiar to themselves.

With the coming of the Spanish and Portuguese to North and South America, there was brought into our country in its far southern and south-western portions, a continuation of Mediterranean tile habits so that we have with us today a direct inheritance from ancient Rome via the Roman colonists in the Iberian Peninsula, in south-west Europe.



The extensive blank walls of the Spanish type of houses permit the use of the large tile which they seem to carry with ease

In the original thirteen colonies of the United States where there were no strong Latin strains in the settlers, there are only faint traces of an early use of the tile roof.

In prints and documents relating to 17th century New York, we find evidence of the Dutch using tile occasionally for covering their buildings and that their Holland custom was to some extent continued on this side of the water.

It is a matter of record that

roofing tile was made by the Pennsylvania Germans at Bethlehem, Pa., in the middle of the 18th century.

In Charleston, South Carolina, tile was early used to some extent, and a number of old buildings there still retain their tile roofs.

In New Orleans, after a disastrous fire in 1794, we find Baron de Carondelet offering a premium to home builders for the use of tile roofs in order to reduce the fire risk.

In our Spanish settled Southwest, there was much tile roofing done in connection with the missions of the Spanish-Mexican régime.

While elsewhere in the civilized world, in the Orient, all over the European continent, in Mexico and in South America, the roofing tile has continuously been manufactured and used right up to the present time. In our own country we have been laggards in developing the manufacture of this most durable form of roof covering. This laggardness has not been due to the fact that we were strangers to the use of roofing tile, but rather owing to the abundance of wood for making shingles, to the fact that we have large deposits of slate, and to the popularity of that much favored American institution—the tin roof.



In the early 19th century, there were some few efforts made to produce tile in this country. A German religious community located at Zoar, Ohio, beginning in 1814 produced a slender output of shingle tile and carried on this manufacture for some forty years. This Zoar tile was used largely by the Community on their own village buildings and was of the "Beavertail" variety such as has long been common in Germany.

There were other earlier efforts at tile manufacturing, largely in Ohio, but it was not until the 1880's, that any quantity was produced.

Our very notable architect of the 1870's and 80's, H. H. Richardson, did much to stimulate the manufacture of roofing tile. Strong red shingle tile was a frequent accompaniment of the "Richardson Romanesque".

Ohio tile was used for roofing our first really opulent Florida resort hotel, the Ponce de Leon, at St. Augustine, opened

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The lowest of the three levels is a simple turf terrace with a low wall towards either end broken with semi-circular steps and a higher wall at the side holding a pool. Drawings by Chester B. Price

AN IDEAL SMALLER GARDEN

A Site Sloping Down from the Front Offers Inducements for Interesting Design in the Third Garden of the Series

The grounds of the last of the Four Ideal Smaller Homes will be planned and described in the April issue, bringing to a close a series of articles, begun last July, in which four moderately small houses, designed especially for HOUSE & GARDEN, *have been considered in every detail of their architecture, interior decoration, equipment, furnishing, and garden treatment*

GENERALLY it is considered a shrewd move to avoid taking ownership of a plot of ground that drops away from the front. Its problems are perplexing. It is difficult, for instance, to make it seem that the house, when it is built, has not settled awkwardly below the road level. A house above the road level holds a certain vantage point, but the house below must do something to overcome the inferiority of its position. Then, too, a site that slopes down *towards* the street seems to have a certain stability which the site sloping *away* from the road seems to lack. Both of these difficulties can be overcome by proper grading, and while the proper grading of a plot of this kind is apt to be comparatively expensive, the cost is made more than worthwhile by the effectiveness of the result.

This grading which is offered as the one really satisfactory solution is the dividing of the ground into a series of levels. The lot becomes a flight of steps. If the slope is gentle the flight will be broad and easy; if the ground falls away steeply the steps, or terraces, will be narrow and high. The great gardens of Italy are, with few exceptions, built on sloping ground and have been planned with this terrace idea in mind. Their beauty is only one argument for its use. Another advantage to such a series of levels is that practically all the ground of the site is made usable.

The grounds of the house shown here illustrate this solution of the problem—a problem which must confront everyone who builds upon such a site. The house level is several feet below that of the road, but rather than let the ground slope from the road to the house, the front lawn has been made flat and the difference in grade taken up at the street line by a retaining wall. Thus the house establishes its own level quite independently and achieves an effect of stability which would be impossible otherwise. From the house level to rear of the property there is a drop in grade of ten feet. The distance from the flagpaved terrace, on which open the French windows of the living room, to the back line is about seventy-five feet. This area has been divided into three garden terraces each one approximately twenty-five feet wide, separated by retaining walls three feet high. Roughly, this same scheme of terracing may be carried out on any similar site.

The treatment of the grounds has been such that they offer two things particularly —seclusion and a rather mild formality. The tall surrounding hedge of clipped Arborvitae (which might be also either Privet or Cedar or English Beech), together with the row of Flowering Dogwoods along the south side of the property, provide the seclusion. Without this enclosure the grounds would need to be planted quite heavily with shrubbery and small trees to prevent the simplicity of their planting from appearing scanty or plain. As it is, the lowest garden has been made unusually effective with scarcely any attempt at planting. It depends for its

(*Continued on page* 156)



from the highway to the rear of the plot, thus giving opportunity for a succession of



Variety in the character of Mockorange blossoms can be seen in these sprigs from Philadelphus laxus, Bannière, Couquete and Coronarius

MOCKORANGES FOR FRAGRANCE

There Are Many Subtle Odors to the Lesser Known Members of This Large Family

J. HORACE McFARLAND

IN the Middle States, nearly every farmyard and many city gardens, back yards and front yards have specimens of what is popularly called "Mockorange," or Syringa. The former, the common name of the genus, has undoubtedly resulted from some resemblance to the odor of Orange blossoms found in the flowers of *Philadelphus coronarius*. Just how the word Syringa was improperly hitched on to the genus is, in Bailey's Cyclopedia, attributed to that picturesque old writer, John Gerarde, who speaks there of "*Syringa alba*, white pipe, *S. caerulea*, blue pipe, and *S. arabica*, Arabian pipe." A later Frenchman in 1700 also selected Syringa for the first name, but Linnaeus thought otherwise. The Germans followed Gerarde to the extent of calling Philadelphus *Pfeifenstrauch*, while the French used their form of the wrong name applied to the Lilac in the word *seringat*.

One wonders why this attractive shrub should have been named for the ancient Egyptian king, Ptolemy Philadelphus, but so it is, and not because there are plenty of Philadelphuses in the neighborhood of the City of Brotherly Love.

The Philadelphus is a considerable family, many members of which are of unique garden loveliness and value. With thirty or more species

(*Continued on page* 106)



The Sweet Pea Mockorange, so called by Mr. McFarland because its odor resembles that of Sweet Peas, is Philadelphus purpurascens. Its flowers have a dullish purple tinge



Almond fragrance comes from the Philadelphus sericanthus var. Rehderianus, a tall and graceful shrub



Philadelphus satsumanus, one of the newest types, has dainty, small flowers with delicate fragrance

SOME GARDENS FROM SPAIN

Two Notable Recent Volumes for the House and Garden Library, and Other Books on Gardening

SPANISH GARDENS AND PATIOS. By Mildred Stapley Byne and Arthur Byne. Published by J. B. Lippincott Co.

SPANISH AND PORTUGUESE GARDENS. By Rose Standish Nichols. Published by Houghton Mifflin Co.

Gradually the gardens of Spain are gaining the attention they deserve. Until these two books made their recent appearance the subject was one upon which information could be obtained only with the utmost difficulty. Random articles had been published but no book which attempted to be at all complete. Even these two, complete as they seem, must be regarded, more than anything else, as a mere introduction to one of the most fascinating styles of garden design the world has ever seen.

About the history and theory of Spanish gardens so little has been said that we must repeat part of the illuminating Foreword in the Bynes book, where the authors speak of the true Spanish garden as being of Asiatic derivation; harking "back to Persia during her splendour under the Sassanids—the garden the Arabs found there when they conquered her. The Moors who made gardens in Spain, after it too had been added to the Mohammedan conquests, were no artless children of Nature; their Moslem tradition was one of order, science, everything prearranged. A garden was not a walled off piece of cultivated ground; it was a man-made design that permitted nature to play a small part, nothing more. It was a fundamentally artificial production, emphasis being laid on man's, not on nature's contribution.

"And man's chief contribution was glazed polychrome tiles. These even more than the scant use of flowers made the Spanish garden unlike others of Europe. They are above all else the legacy the Moors left in the architecture of the Iberian Peninsula. Let no one dream of possessing a Spanish garden or patio [illegible] hostile to their use on a generous scale.

"Nor must the old-fashioned lover of flowers—our proper English heritage—expect to reconcile this with the Spanish design. It is of green he must think, especially of odorous green, and look to tiles, not to bloom, for his colour note."



This fountain is found in Seville in the garden of Don M[illegible] Narvaez, Duke and is typical of [illegible] 18th century. From "Spanish Gardens and Patios"



[illegible] is a typical part of [illegible] From "Spanish Gardens and Patios"

Spanish Gardens and Patios is particularly interesting for the drawings, both in water-colour and in pen-and-ink, which supplement the many splendid photographs. All of those elements of Spanish gardens—walls, pools, and paving—which are so essential to the spirit of their design, are presented in so practical a way that they might be reproduced or adapted with little or no guess work. And always, inevitably, it is made apparent how large a part is played by the use of tiles. Scarcely a detail is shown which does not contain these jewels of architecture as its chief decorative element.

While the Bynes book covers only southern Spain and the neighboring island of Majorca, where the older gardens are, *Spanish and Portuguese Gardens* wanders further afield and treats of 18th century gardens and modern gardens as well. Both books are amazingly rich in material for the architect and garden designer and are inspirations to any interested amateur.

A GARDEN BOOK FOR AUTUMN AND WINTER. By Charles Downing Lay. Duffield & Co.

The general character of the book and the spirit of the author may be inferred from the fact that though he is a professional landscape architect of high standing and includes in the volume very elaborate plans of strictly formal type, he sighs for an old-fashioned woodshed and thinks that, next to the rock garden, the most delightful type is the maritime or sand garden. For making such gardens he gives much help.

The rather many formal plans may be left out of account; they have no connection with the text. They are not the only evidences of the author's being not altogether of the character of Thoreau, even if he is of his mind, as the woodshed and the garden on the seashore might suggest. He realizes that "as men become more civilized they take less pleasure in the accidents of wild nature and long for order and a definite plan in all they do." Accordingly he proceeds to his task of telling

(Continued on page 170)

WORTHY VEGETABLES TOO SELDOM GROWN

Some of the Less-Known Kinds Whose Culture Is Easy and Whose Table Qualities Are Exceptional

F. F. ROCKWELL

A THOROUGH-GOING garden crank is one of the most human persons you can find anywhere in the world. This being the case, it seems strange that more of the makers of seed and plant catalogs do not put humanness into their pages. So many of them take their business, which should be one of the pleasantest and cheeriest in the world, so terribly seriously!

I ask you—is not the end and aim of the private vegetable garden, the excitement of new gustatory adventures? Of course, during our great national "war garden" enthusiasm there was much talk of thrift and economy, but do you ever know of anyone who now really grows his own vegetables chiefly for the reason that he considers it cheaper than buying them? No, it is the lure of the savory lettuce and the illusive Leek; the melting tenderness of little Peas so immature that no market gardener would pick them in that condition; the sparkle of a Radish direct from the soil—it is these things, fresh out of your own garden, that offer an adequate reward for all the fuss and bother, all the toil and turmoil of "growing your own."

Yet the seed catalog seldom takes you by the hand and leads you down the lanes that will bring you to new friendships in deliciousness. In the main you will find only the old stereotyped vegetable bromides, iterating and reiterating the statement that this is the longest Bean ever grown, or that the largest Onion. But the worst of it is, that these standardized, alphabetically arranged pages are full of delicious vegetables that you never discover from an ordinary perusal.

Do you, for instance, know Finochhio?

It is an old vegetable—sometimes listed as Florence or Sicilian Fennell. For years it has been a great favorite of our friends the Italians, who know a thing or two when it comes to getting delicious flavors in the things they cook. You would always find it displayed plentifully on the markets in the labyrinth of streets below New York's Greenwich Village, but it is only recently that it has become a favorite in the best up-town markets, and in the finest private gardens. It is one of the most decorative of all vegetables, with its finely cut feathery foliage; and for gustatory purposes, it is just as desirable. The tops may be used as a salad, but it is the slightly sweet tasting, very delicately flavored root-stalks—something like Celery and yet decidedly different—that will make you a firm admirer, once you have tried it. The plants are easily grown, requiring no special treatment except a slight hilling-up when the bases of the leaves begin to swell and have made a clump about as big as an old-fashioned dollar watch. The soil should not be filled in over the heart of the plant. After a week or so of bleaching the plants may be used, but they will continue to increase in size for a long time after that. One of the great advantages of this vegetable is that it may be enjoyed for so long a period from one planting—always something to keep in mind when choosing vegetables for the home garden.

If this were to be an orthodox article on vegetables, I suppose I should start in with Asparagus and end up with Turnip—but as it isn't, I shall skip around over the garden plot to suit myself.

Let us take the Artichoke—the so-called Globe or French Artichoke, which is entirely distinct from the more commonly known Jerusalem Artichoke. The latter is a root, very high in food value, used mostly for stock feeding in this country although it is a table favorite in Europe. The Globe Artichoke, on the contrary, is most delicious. You have enjoyed it, probably, at some time or other in some expensive restaurant; but you can grow it in your own

Mark Twain called Broccoli "a cabbage with a college education." It responds to the same cultural treatment as does Cauliflower, and has a longer season





The tops of Fennell are used in salad, but the greatest table value of the plant lies in its slightly sweet, delicately flavored root stalks, suggestive of Celery

Celeriac somewhat resembles Celery in appearance. As a table vegetable in early winter it enjoys a place all its own in salads and for flavoring other dishes







Marrow Squashes, of the English and Italian types, are very much alike and excellent for summer Squashes. They are edible green



Broad Spinach is very valuable in preparation for early, late and winter use, but also to have sweet Spinach together at the same



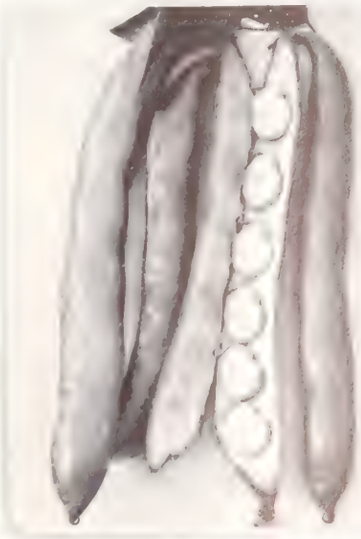
The root is the part of the Jerusalem Artichoke which is eaten. It rates extremely high in food value and is a general favorite. Page

garden with less trouble than many of the common vegetables. The young, fleshy, immature flower heads may be used raw, as a salad, but are even more delicious boiled and served with a cream sauce. They have the great advantage of being available all season long, from early summer until hard frost.

If you have the facilities for starting the plants early, under glass, good sized pot grown plants may be set out in April or May; but generally the more satisfactory way is to buy the plants. The Globe Artichoke is a hardy perennial, and one planting will serve for several years. When a new bed is wanted plants may be obtained from the side shoots, or by dividing the old clumps. My first bed of Artichokes I grew from seed, but there was such a great variation in the plants that I never tried it again. By buying good plants to start with, and then propagating from the best of these, you can be sure of having a constantly good, uniform supply.

The plants like a good rich soil, but require no particular babying, and grow vigorously. They are usually planted three feet by two feet, but can be put considerably closer in the home garden. The "globes" should be cut while they are still hard, firm buds, young and tender. Any not needed should be removed before they begin to open up. The side shoots are sometimes blanched like endive, and the succulent mid-ribs used, but the quality is only mediocre. A winter mulching of ashes or light manure is desirable in very cold sections; apply this after the old plants

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The Broad Bean is a large garden vegetable that is in great demand in all well cultivated, and provides an excellent food that can be prepared in a variety of



The green pods of the Okra are one of the main ingredients of the famous Gumbo soup of the Southern States. When in flower the plants are decidedly ornamental



The opening of the blossoms of the Tokyo Cherry, Prunus yedoensis, heralds the Cherry Festival of Japan, when a national holiday is declared and the whole population celebrates this sweet, intoxicating sign of the coming of Spring

THE CHERRIES OF JAPAN

These Rare Beauties of the Orient, Gorgeous in Their Native Landscape, Can be Quite as Lovely Here

E. H. WILSON, V. M. H.

AMONG the floral treasures of the Orient none is more renowned than the Cherries of Japan. And justly so, for no language can exaggerate their loveliness. Some are small, others large trees with wide-spreading crowns; some have pendent and others quite erect branches. All are beautiful. Cherry trees grow wild in the woods and thickets throughout the length and breadth of Japan and they are everywhere planted in vast numbers—in temple and castle grounds, in park and garden, in city streets and highways, by pond and riverside. In Japan no peasant is too humble, no prince too proud to plant and cherish the Cherry tree.



In many respects the double-flowered forms fail to compare with the singles, but Shirofugen, the best of the double whites, is an extraordinarily lovely tree

At Koganei, a village some ten miles from Tokyo, there is an avenue three miles long of Cherry trees planted in 1736 by command of Shogun Yoshimune. Many of the trees are from 60 to 75 feet tall with trunks 10 to 12 feet in girth and crowns from 50 to 60 feet through. The avenue has been well cared for and when the trees are in blossom the scene presented is one never to be forgotten. The flowering of the

(*Continued on page* 114)









The lovely Trailing Arbutus or May Flower, Epigaea repens, is one of the most difficult native flowers to tame. It is addicted to an acid soil, which must be especially created for it in the garden

GROWING THE FINICKY WILD FLOWERS

The Tastes of Many of Our Native Plants Have to be Humored if We are to Succeed with Them

HERBERT DURAND

THIS article is written for that large and increasing number of home owners who are sincerely desirous of establishing a wild flower garden on their premises, and are also prepared to supply the simple but imperative needs of "finicky" species. This is of vital importance for, if these needs are not supplied, disaster is certain to ensue.

I am not without hope, too, that what I have to say will be seen and heeded by some of these misguided wild flower lovers who are, unwittingly in most cases, aiding in the extinction of many of the choicest and loveliest species.

I refer to those transplanting zealots who, when they discover a flowering plant of unusual beauty in the woods or fields, are seized with an uncontrollable impulse to uproot it and carry it home. Of course the intention is to plant it and enjoy its charm at close hand. But the poor wilding is rarely properly dug, or properly wrapped, or properly plant-



The Pitcher Plant, Sarracenia purpurea, is a denizen of upland bogs and is one of the most stubborn kinds to make thrive in the domestic wild garden. It requires an intensely acid boggy soil such as is found in Sphagnum moss

While he enjoys either sun or shade, Jack-in the Pulpit, Arisaema triphyllum, requires a constantly moist neutral soil. He can be planted anywhere he is grown from seed





Stony ground, a rich and well-drained slope and half to full shade are the requirements of Wild Blue Phlox, Phlox divaricata. Its flowers are open from April to June and have a slight fragrance. Naturalize it in masses



Grass of Parnassus, Parnassia caroliniana, demands a moist location, and an abundance of sunshine. It flowers from June to September, and creams white



Fringe Tree or Poison Ash, Chionanthus virginica, is found in rich, moist soil of mountain slopes. It flowers early, and is very showy



Dutchman's Breeches, Dicentra cucullaria, is found in stony, neutral soil, and should be given its counterpart when grown in the home wild garden. Half shade is desirable

d, and therefore it soon withers and dies.

Nearly all the flowering plants referred o here, can be purchased from dealers. This is by far the best method of obtaining hem, as the purchaser is sure to get well-grown specimens with good root systems, hat come well packed and ready to set out. With few exceptions these nursery plants re certain to flourish, provided, of course, hey are always given congenial locations.

If, however, for any reason, it seems necessary to take plants from the wild, in order to have favorite kinds in the garden, they should be dug with a sufficiently large ball of earth to contain the roots. Then the ball should be moistened, and wrapped tightly, first in damp moss, then in two thicknesses of newspaper. Thus treated, the plants will keep fresh and full of vitality for from ten days to two weeks. A favorite and usually successful method of mine with certain ultra-particular kinds is to wash the soil from the roots and wrap the mat once in moss and paper. Then I dig enough of the soil in which they were growing to make each specimen entirely happy until established; and take plants and soil home together in the same basket. This is not as onerous a task as it may seem. A market basket full of light woods earth weighs but little, and will provide the necessary nourishment for from one to two dozen plants, depending upon their size.

(*Continued on page* 102)











C. W. Hadley

Chintz applied the motif of decoration in this house. In the guest room above an old chintz paper in rose and greens makes an effective background for the painted furniture and dressing table in rose and green linen.

A pleasing feature of one of the bedrooms is a recessed window overlooking the water. The curtains here are sheer yellow organdie with red taffeta valance and tie backs. These colors are also in the interesting wall paper





A set of 17th Century ship panels gives unusual interest to the small dining room which has Georgian green walls and a cobalt blue ceiling painted to resemble a canopy with scalloped edges. The tufted slip covers on the white chairs are this same vivid blue

THE RESIDENCE OF ARCHIBALD McNEIL, JR. AT BLACK ROCK, CONN.

Chapin, Harper & Dutel

Decorators

G. W. Harding

Interesting wrought iron lantern of a slat design are used as side lights in the living room. The walls here are plaster, the drapery on the small kidney shaped sofas, tomato-colored chintz, and the curtains heavy net embroidered in wool in a pattern of ships

The stairway in one corner of the living room has been given distinction by scroll-shaped iron brackets holding pots of trailing ivy. The wrought iron note, so effective a contrast to the plaster background, is found again in the wall pocket above the landing



Hammered brass bowl with scalloped edge, $17.50. 12 inches wide. Dish with fluted base, $12.50. Candelabra, $10.50



(Above) Antique Spanish copper fern dish, $11.50. 5 inches high, 8½ wide. Copper or brass urn, 10 inches high, $5.75



(Right) Old Roman brass lamp with parchment shade decorated with lines in color. $45.50. Approximately 21 inches high







The hour glass above has an antique brass frame with a pierced design of hearts. 9 inches high, $11.70

(Right) Pewter tobacco jar, 8 inches high, $18.50. Old pewter lamp, $35.50. 12 inch paper shade, $6.25. Fluted bowl, $10.50

All the pieces in the pewter tea set below were copied from old models. Tea pot, one quart size, $7.05, jug with cover, $5.75, bowl, $3.15

The attractive candlestick above with adjustable arms is brass in antique finish. 18½ inches high, 11 inch spread, $16.50 a pair

(Below) The oval brass tray in antique finish has a decorative pierced gallery, $9.25, 11 inches long. Copy of old English pan candlestick, $9.75 a pair





PEWTER *and* COPPER *and* BRASS

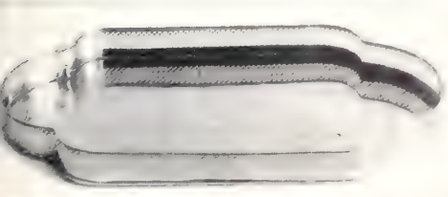


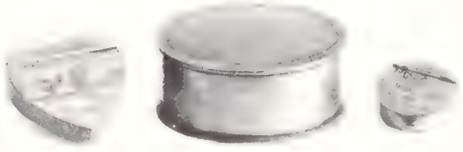
The brass samovar at left, covered with and equipped for electricity is [illegible] brass candlesticks, [illegible] high, [illegible] a fine Italian pitcher, [illegible]. The Italian pottery tea and sauces are plate with blue green lines, $36.50 a dozen

At the right is an unusual [illegible] antique steel arms and a fine iron hall plate. Drawer at left plate, 10½ inches, [illegible] 11½ inches, [illegible]



Heart shaped brass box, [illegible], [illegible]. Oval cigarette box, [illegible], [illegible]. Small round box, [illegible]. All in antique finish





Above is a [illegible] brass tray in antique finish with a [illegible] gallery [illegible] inches long, [illegible] inches wide, [illegible]

The [illegible] silver plate below [illegible]. The small bowl, [illegible] inches wide, may be used as an [illegible], [illegible]





[illegible] is a small [illegible] a stand, colonial in period. It may be purchased for $6.75



Suitable for either flowers or fruit is this graceful Chinese brass bowl, [illegible] $6.25. Carved teakwood stand, $5.25. Reproduction of Devonshire candlestick, 12 inches high, $9.75 a pair

[illegible]

The GARDENER'S CALENDAR *for* MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1. Chrysanthemums for next fall must be propagated now. If the space is available it is good practice to put in a batch of cuttings every four weeks until June to assure a long period of bloom well into the autumn.	2. Rhubarb should now be showing some growth. Barrels placed over the plants will give earlier and better stalks. Beds that were not mulched should have a good application of manure dug into them at about this time.	3. If you are considering new lawns this spring get the ground ready for seeding just as soon as it can be worked. Early sowings will prove to be much freer of weeds than those which are made during the summer months.	4. Changes of all kinds where the moving of plants, sod, hedges, etc., is involved must be carried into execution at once. This also applies to garden walks which, if altered in early spring, settle by summer, becoming permanent.	5. All new plantings of hardy stock must be set out. The earlier in the planting season this is done the less losses you will have. Just as soon as the frost leaves the ground is the proper time for work of this sort.	6. If you have not already planted them, seeds of cabbage, cauliflower, celery, parsley, lettuce, tomatoes, egg-plant, peppers, leek and onions should be sown. See page 47 for detailed information on this work.	7. Boards, straw, burlap, cornstalks and other winter covering materials for boxwood and such tender plants must be removed now. If possible, select dull, cloudy weather for carrying on this important operation.
8. Where absolutely necessary, bay trees, hydrangeas and other ornamental plants should be retubbed. Others can be re-fertilized by chipping out some of the old soil with a trowel and filling in with a rich fresh mixture.	9. Asparagus is one vegetable that starts growth very early so dig the winter mulch under now, hill up the rows on the old plantings, and apply salt liberally to the bed. New plantings should be started now from good roots.	10. All the exotic plants, such as Kentias, dracaenas, cocos, arecas, etc., should be re-potted at this time. Use pots about 1 inch larger than the plants now occupy. The soil must be light, containing plenty of leaf mold.	11. Make a habit of heeling in your nursery stock the instant it arrives. Stock that is allowed to lie around in the wind and sun is certain to show heavy losses, because its roots will be dried out and the smaller ones will die.	12. Cuttings of all the various types of bedding plants should be started in sand in the greenhouse early this month. Coleus, geraniums, lantana, heliotrope, ageratum, etc., are some which come under this heading.	13. Cannas, especially the newer or better types, should be divided by cutting the eyes separately. They can then be rooted by placing in sharp sand, or they may be potted up in a very light soil mixture if you prefer.	14. All the necessary pruning must be attended to now. Foliage trees and shrubs, all the flowering types that blossom on the terminals of the new growth, such as roses and fruits of all kinds, require attention.
15. Any changes in old plantings or new plants contemplated for the perennial border should be finished up at the earliest moment. Those which are planted early in the season will flower late this coming summer.	16. Better make arrangements now to use your greenhouse for some useful purpose this summer. Potted fruits, chrysanthemums, melons, English forcing cucumbers etc., are some of the many possible products.	17. Sowing of all the more common types of annual flowers should be attended to now. Asters zinnias, calendula, balsams, salvia, marigold, scabiosa, pansies, stocks etc., are some of the many varieties that may be planted.	18. This is the time to think of flowers for next winter in the greenhouse. Primula of the Chinese or Obconica type, cyclamen and antirrhinum are three of the best sorts. They should be started from seed now under glass.	19. The covering on the strawberries should be removed and burned and the manure mulch can be dug under. In cases where for some reason no fall mulch was applied the bed should be well manured and dug in.	20. Before the buds burst on the deciduous trees and shrubs, the whole growth should be looked over carefully for any caterpillar nests, which can easily be destroyed by burning without injuring the plants.	21. Have you everything in readiness for the opening of the big garden drive next month? Seeds, garden line, plant labels, measuring stick, pea brush, bean poles and tomato supports are a few essentials.
22. The top protection on the rose bushes can now be removed; dig the winter mulch of manure well under. A liberal application of bone meal to the soil will produce worthwhile results during the flowering season this year.	23. Small fruits of the different types can be planted now. Grapes, raspberries, blackberries, etc., can be trained on wire trellises, or stakes may be used. The latter are neater and more economical of space.	24. All the various garden tools will soon be in use regularly. Are they in proper condition? Good work is impossible with poor or dull tools. Go over all the implements, removing any rust and sharpening the cutting edges.	25. Most of the diseases to which potatoes are heir are caused by dry, hot weather. Potatoes like cool, moist soil. Prepare a piece of ground and plant them now, or as soon as the soil can be worked. An early start makes success.	26. Mulches of all kinds applied to shrubbery borders, perennial plantings, flower beds, etc., should be dug under. In doing this, get the manure as deep as possible and see that it is thoroughly incorporated with the soil.	27. Sweet peas may be sown out of doors now. Dig trenches about two feet deep and the width of a spade. Fill the trench with good top soil and manure well mixed and sow the seed about two inches below the surface.	28. Specimen trees of all types that are not growing satisfactorily can be invigorated by cutting a trench entirely around the tree about four feet from the trunk and filling it in with good rich earth well tamped down.
29. Manure applied to lawns last fall must now be raked up. All lawns should be raked clean and rolled or tamped. A top dressing of wood ashes and bone meal will help to produce a good velvety turf of grass.	30. All the best varieties of dahlia roots should be started into growth so that cuttings can be made of those desired. If the roots are laid upon a few inches of sand and watered freely they will soon start into growth.	31. All trees and shrubs that are subject to attacks of San Jose scale should be sprayed with one of the soluble oil mixtures before the buds swell. At least forty-eight hours are needed to smother these pests.				

This Calendar of the gardener's labors is designed as a reminder for his seasonal tasks. Though planned for the Middle States it should fit the whole country if for every hundred miles north or south garden operations be retarded or advanced five to seven days

See how Aurora throws her fair
Fresh-quilted colours through the air:
Get up, sweet slug-a-bed, and see
The dew bespangling herb and tree

ROBERT HERRICK



Mrs. EDWARD G. LOW

Her [illegible] School of Landscape Architecture for women, at Groton, Mass.



Miss JANE B. HAINES

The founder and President of the School of Horticulture for Women at Ambler, Pa.



Mrs. WALTER S. BREWSTER

A practical garden[er] and one of the most active spirits in the Garden Club of America



Mrs. HAROLD I. PRATT

Gardening's most enthusiastic patroness in this country and owner of one of our finest gardens

The place of women in horticulture is considered further forward in this issue. Here are shown six women whose influence, enthusiasm and achievements have done much to give that place its growing importance. Mrs. Low and Miss Haines are responsible for our two best schools; Mrs. King is our best known woman garden writer; Miss Smith the head of one of our largest nurseries, and Mrs. Pratt and Mrs. Brewster our two most enthusiastic amateurs



Miss EVELYN W. SMITH

The head of the Amawalk Nurseries is seen here supervising the moving of one of her sturdy trees

Mrs. FRANCIS KING

One of the most widely read garden writers and the author of the first article in this issue of House & Garden





DANERSK FURNITURE as related to the three great periods of American design

H. T. Halsey, in his introduction to the handbook describ- the new American Wing of the Metropolitan Museum, s the clearest summary of the history of the utilitarian of the American Colonies and the Early Republic that yet been presented. He divides it into three periods:

First Period: 1630 to 1725
Second Period: 1725 to 1790
Third Period: 1790 to 1825

naking Danersk Furniture in our New land factories we have specialized for last ten years in furniture of the First Third Periods. In the Second Period have done little or nothing because of its eme elaboration and Rococo influence of rnentation which, if well done, is the t expensive and formal ever devised.

Ve have turned rather to the friendly ns of the First Period: tavern tables of maple and pine; quaint cupboards; dig- d walnut highboys; comfortable Queen Anne chairs and dining groups developed from the choicest examples of this era.

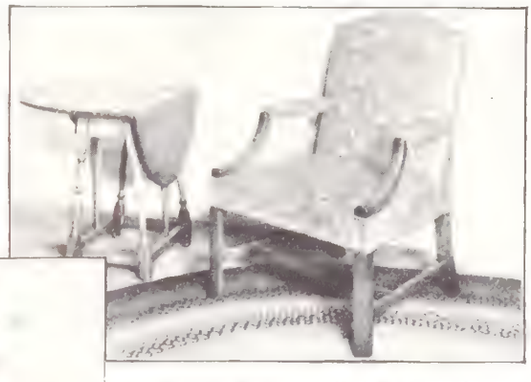
From the Third Period we have selected those delightful forms of 18th Century design, with their classic refinement of detail comprised by the American adaptations of Heppelwhite and Chippendale chairs; Pembroke tables by Duncan Phyfe and Sheraton; dining room, bedroom, and luxurious upholstered pieces for the living room.



These things need no special setting and are so direct and genuine that they bring the truth of traditions and hidden values of construction to all homes where good taste, quaint interest, and comfortable dignity are valued.

Our Chicago and New York salesrooms are the only places where Danersk Furniture can be seen. Your own dealer or decorator is familiar with our productions—all good decorators are. They will welcome your personal investigation of our furniture, and it is most important that you should see this furniture before purchasing for your home, if you value correct traditions in design.







SKINE-DANFORTH CORPORATION, 383 Madison Avenue, New York City

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315 Michigan Avenue, North

Boston

Los Angeles



The Charm of Sunny Italy



Among the many Hastings reproductions of famous periods of cabinet making, the Italian provides a most happy choice for the modern home.

The romantic desk pictured here with its graceful wrought iron stretcher, colorful decorations and finely figured woods combines every desirable element of beauty, utility and sound craftsmanship.

And what hostess of today will not delight in this beautiful Roman chair, with its richly tasseled cushion and sturdy grace.



Hastings Table Company
Hastings, Michigan

HASTINGS FURNITURE
The MARK of FRED E. HILL and his associates

HASTINGS *Furniture*



Pink Ladyslipper, or Moccasin Flower, Cypripedium acaule, grows in both dry and moist situations but the soil is acid

GROWING THE FINICKY WILD FLOWE

(Continued from page 95)

Wild plants are handled in the garden exactly like their civilized sisters. Plant them firmly in the right soil and exposure, and don't let them lack moisture during the first few weeks, even for a day. A light mulch of half-rotted leaves will help amazingly. Once established, they need no further attention—no spraying or staking or hoeing. Merely keep out intruding weeds.

The following eighteen species are included among the "finicky" wild flowers, because none of them will do its best in soil that contains either acid or alkaline to any marked degree. In fact, nearly all of them will die out sooner or later in such soil. Therefore, leaf mold from under evergreens, or oaks, or chestnuts, and soil containing lime, should be tabooed.

Of the eighteen, the following five flourish best in situations where moisture is either naturally abundant or can be supplied constantly. They all do equally well in either sun or shade: Jack-in-the-Pulpit *(Arisaema triphyllum)*, Showy Ladyslipper *(Cypripedium hirsutum)*, Shooting Star *(Dodecatheon meadia)*, Closed Gentian *(Gentiana andrewsi)*, Blue Lobelia *(Lobelia syphilitica)*.

Three demand moist to wet spots and plenty of sunshine: Meadow lily *(Lilium canadensis)*. Marsh Marigold *(Caltha palustris)*, Grass of Parnassus *(Parnassia caroliniana)*. The latter likes a rather sandy loam.

The beautiful Virginia Cowslip *(Mertensia virginica)* insists upon shade and a bountiful supply of moisture.

Five like stony ground best, but the soil must be rich and well drained, as on a wooded slope. The preference of all is from one half to full shade. White Trillium *(Trillium grandiflorum)*, Liverwort *(Hepatica triloba)*, Dutchman's breeches *(Dicentra cucullaria)*, Canada violet *(Viola canadensis)*, Wild Blue Phlox *(Phlox divaricata)*.

Exposed ledges and crevices in the rocks, in either sun or shade, exactly suit the Columbine *(Aquilegia c densis)*, the Wild Pink *(Silene p sylvanica)* and the Bluebell, or H bell *(Campanula rotundifolia)*. three, however, give good account themselves in the ordinary well-p pared garden border. A normal r fall is all the moisture they ask.

The gorgeous swamp Rose Mall *(Hibiscus moscheutos)* is finicky o as regards acidity and alkalinity will thrive luxuriantly in sun shade, wet soil or dry, if its twin likes are heeded.

The next group of plants that apt to prove refractory under treatment of the uninformed, cons of eleven popular and beautiful spe none of which can be expected to s vive permanently in the home w garden, unless it is planted in soil marked but not intense acidity. W soils that are acid, differ widely their acidity, according to their co position and their location. Soil ma up of half decomposed Pine or He lock needles, or of Oak leaves, Che nut leaves and leaves of other tr and plants that are rich in tannic ac has the highest degree of acidity; a this acidity is most intense at or ne the summits and on the north sides elevations. A study of the natur habitats of the eleven plants he named will demonstrate that they a avoid the heights, although sever make their homes in uplands or on t slopes that face the south. The sure way to success is to transplant t actual soil in which they thrive pockets in the home garden; in a event, to take the soil from simil situations close at hand.

The red Wood Lily *(Lilium phil delphicum)* is found as a rule in som what open woods and, except alon the coast, is most frequent at a co siderable elevation and in dryish so I have yet to see this glowing lily groups or colonies; it is anything b gregarious. So I like to place it my garden as I do the Cardinal flowe isolated single specimens here an

(Continued on page 104)

Riddle

DECORATIVE LIGHTING FITMENTS



nsider your lighting equipment as something more n a utility. The actual use of electric light is confined a comparatively few hours each day. Well chosen ients add immeasurably to the charm of the room en lighted and contribute during the other hours as l to the decorative effect. They can be made, in fact, of the most interesting and important elements in furnishing of the home. . . . Many who have never ore realized the decorative possibilities of the lighting are now bestowing upon it the same thought and care as are accorded to the furniture, floor and wall coverings, draperies and other accessories. The result is the constantly increasing vogue of Riddle Fitments, now widely recognized as the standard of good taste in decorative home lighting. . . . Riddle Fitments are being extensively used to replace old fixtures as well as to equip new homes. Illustrated folder with details of the Riddle Planning Service will be sent on request.

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JAEGER



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THIS modish costume has been forecast by Paris and worn on the Riviera and at Palm Beach.

The Chanel collar is tailored of heavy matching silk crêpe; the skirt features the inverted pleat front and plain back. The sleeves may be short if desired.

May also be had in fine twill flannel.

Mail orders given careful and prompt attention.

$31.50

In the newer pastel colorings, including Natural Balbriggan, Cicada Green, Peach Skin, Pebble Brown, Corn and White.

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Jaeger—Specialists in Apparel of Fine Wool



One of the many desirable hybrid Mock-oranges created by Lemoine is Avalanche, which drew its fragrance from a parent that is native to Utah

MOCKORANGES FOR FRAGRANCE

(Continued from page 88)

described, there are also a score or more of extremely interesting garden hybrids, largely produced by the greatest of ornamental hybridists, Lemoine, who was induced to his effort through the receipt from the Arnold Arboretum, nearly a generation ago, of plants of the exquisitely fragrant *Philadelphus microphyllus* of Utah and Colorado. His work with this and the European species has given us the lovely hybrids broadly classed under *Philadelphus Lemoinei*, and including such beautiful varieties as Avalanche, Boule d'Argent, Conquete and Virginal. These Lemoine hybrids are all more or less fragrant, the fragrance being reminiscent of the *microphyllus* parent.

There are, however, utterly different fragrances, particularly among the species brought in from West China by Mr. E. H. Wilson, and but little known, though just as easy to propogate and grow as any other of the quite easily raised Philadelphuses.

As I write I am looking at four beautiful flower clusters of the Philadelphus and remembering one that has passed. This first one was *Philadelphus subcanus*, which came from the Arnold Arboretum originally as *Philadelphus Wilsoni*. Like all of the species I am here mentioning, it does not have exceedingly large flowers, nor does it cover the entire plant with bloom, as in the case of the Lemoine hybrids. The foliage is rugose and distinct in itself, the flowers, of a characteristic creamy color, are of a dainty cupped form, but the fragrance is that either of the garden hyacinth or resembling the aromatic odor of the ordinary Valerian or Vanilla.

Bearing the awe-inspiring name of *Philadelphus sericanthus, var. Rehderianus*, one gets a tall and graceful bush the blooms of which are altogether pleasing, and the fragrance of which again sets one guessing, though it does not remotely resemble the ordinary Mockorange fragrance. Some observers vaguely refer to an "almond" fragrance, but all agree as to its delightful quality. It pervades the vicinity of the plant for several weeks.

In an ordinary season I expect to have Sweet Peas about the time the Mockoranges bloom. Many times I have collected a few odorous Sweet Peas, together with a twig of the Mockorange I am about to describe, and passing them in turn under the noses of ladies who visit the garden, asking in each case that the eyes be closed so that only the nose will give judgment. In no case has anyone failed to agree that the fragrances thus submitted were identical, and astonishment always follows when the eyes are opened and it is noted that one of the items thus enjoyed is a Mock-orange.

This particular Mockorange is again the possessor of a very serious name. It is *Philadelphus purpurascens*, having been heretofore concealed as *Philadelphus brachybotrys, var. purpurascens*.

The name now hitched on comes from the fact that the calyx of the flower is of a distinct dull purplish hue, giving it at once a mark of identification. The plant on which these graceful and lovely flowers are produced is rather tall and rangy, though when young it has a somewhat distinct outward drooping habit very different indeed from the average plant in the genus. (The Virginal variety, for example, while it has the most impressive flowers of any of the hybrids or species, is the ugliest plant in the garden in its leggy, ungraceful habit.)

This Sweet-Pea Mockorange, as it might be called, is of all the fragrant species the most delightful to have to do with, and for the half-dozen years during which I have enjoyed its presence at Breeze Hill it has been annually an object of visit and pleasure to myself and many others.

(Continued on page 108)



BLACK · STARR & FROST

The new choker necklace . . . . an unusual adaptation by Black, Starr & Frost using oriental pearls caught together by spheres paved with rose diamonds, and a diamond clasp.

JEWELERS FOR 115 YEARS

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DECORATING and furnishing a home is far more than merely filling it with furniture and hangings, however beautiful they may be. It is a work of care and skill and thought in fitting every single thing that goes into your home into a harmonious, pleasing whole, according to a definite plan, that will satisfy your needs and tastes for years to come.

This is the contribution that the skilled designers of Rorimer-Brooks Studios can make to your home, as they have to some of the most beautiful homes in the country.

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COLLECTING OLD FLOWER PRINTS

(Continued from page 79)

tural copperplates were few, engravers of book illustrations occasionally busied themselves with woodcuts and copperplates for old herbals. In "The Old English Herbals" Rohdes says: "Nearly all the illustrations in the famous 16th Century Flemish, English and Swiss herbals were printed from the actual wood blocks or copied from the illustrations in Fuchs's works. . . . It is a remarkable fact that so far as wood-engraving is concerned, this country [England] has contributed nothing to the art of plant illustration. In the first English illustrated herbal, the *Grete Herball* of 1526, the figures are merely copies of the inferior cuts in the later editions of the Herbarius as *Teusch*, and, with the exception of Parkinson's *Paradisus*, all the English 16th and early 17th Century herbals borrowed their illustrations from Flemish and German sources." Time's tide has swept many of these old woodcuts adrift from their moorings in the harbor of these early herbals and one may frequently discover them temporarily at anchor in some old print shop where they may be had for almost a song. While one decries the vandalism of breaking up a rare old volume for the sake of such prints, still, once adrift, they are well worth salvaging. Not long ago I saw a series of six of them appropriately framed and hung in the library of the summer home of a garden enthusiast.

HERBALISTS' RHAPSODIES

The old herbalists, Gerard, Parkinson and the rest, reflected the English love of flowers in their pages. "What greater delight," wrote Gerard, "is there than to behold the earth apparelled with plants as with a robe of embroidered works set with Orient pearls and garnished with great diversitie of rare and costly jewels? But these delights are in the outward senses. The principal delight is in the minde, singularly enriched with the knowledge of these visible things, setting forth to us the invisible wisdome and admirable workmanship of almighty God." Parkinson wrote in his *Paradisus* of 1629: "For truly from all sorts of Herbes and Flowers we may draw matter at all times not only to magnifie the Creator that hath given them such diversities of formes, sents and colours, that the most cunning Worke man cannot imitate and such vertues and properties, that although wee know many, yet many more lye hidden and unknowne, but many good instructions also to ourselves. That is many herbes and flowers with their fragrant sweet smels doe comfort, and as it were revive the spirits and perfume a whole house: even so much men as live vertuously, labouring to doe good and profit the Church of God and the Commonwealth by their paines or penne, doe as it were send forth a pleasing savour of sweet instruction, not only to that time wherein they live, and are fresh, but being drye, withered and dead, cease not in all after ages to doe as much or more."

Something of this piety lingered with botanizing thence onward and kept pace with the colored illustrations which were so popular in the earlier part of the 19th Century. These were colored stipple engravings, stenciled line engravings, and, from about 1830 onward, lithographs in color. In the advertisement to "The American Flora," an early American work issued in parts and illustrated with color lithographs, Dr. Strong, its author, wrote: "We plead guilty to a passion for flowers, 'God's smiles,' as they have been beautifully called, which renders it a luxury to gaze on even the inanimate representations which lie before us, but aside from this 'The American Flora' is got up in a style eminently attractive. The letter-press is excellent, intelligible even to dim and faded eyes, the coloring carefully executed by practical botanists and the description of the plants arranged on the Linnæan system, at once complete and simple. Such a work in a refined country cannot fail to command success." From such treasuries many plates were taken for framing and placing on walls, which Fashion in turn, banished or destroyed; we now seldom come across them in their frames, but stray parts of these old botanical publications still turn up in second-hand bookshops as also do the old Annuals so popular in the 'Thirties and the 'Forties and the various volumes of the "Flower of Poetry" type, many of them gaily illustrated with colored prints of horticultural subjects.

PRINTS OF THE UNHURRIED PAST

Usually these have a quaintness of design and an "old-fashionedness" that lend distinct charm to them and commend them to our present-day antiquarian taste. I have on my wall two of these prints, one a Moss Rose such as only the unhurried past has dreamed of, another showing a sedate Passion Flower. "The Ladies' Wreath," New York, 1847, containing these, was ennobled with such gems of literature as Miss Anna S. Rodman's "To Adelaide in Heaven," and "The Mourner," "Lines Written in the Album of a Deceased Daughter," etc. The print of the Passion Flower was probably introduced by the clever editor in allusion to a touching passage from "Alice, a Story of Our Village" by Mrs. S. T. Martyn: "Some six months after the death of Capt. Dudley, as I was busy in my little garden tying up a Passion Flower, which by some accident had been torn down. . . ." What a touch of elegance, of local color! "How many ravishing harmonies spring up on every side, from the association of plants with the animal creation!" Mrs. Martyn wrote; "The butterfly embellishes the rose; the nightingale sings in our groves, and the industrious bee enlivens the flower which yields its sweet treasures."

Dear old Crinoline Age, with your gentle Misses out a-botanizing in safe groves, your lady editress always at hand with gentle stylus to pen some moral for your painters of pansy and periwinkle! We shall treat you gently and again take you to our hearts as we restore to our affections the flower prints that once brought joy to yours!



CHOPIN PLAYING
FOR HIS FRIENDS
Painted by Boucherett

P&G

More than Chopin had in his studio you can now have in your home

THE studio of Chopin is always thought of as a shrine of music. On numerous occasions other great musicians — Liszt and Mendelssohn — met there and played from their own compositions.

Now you can have in your home more great music and more great musicians, than Chopin had in his studio.

For, instead of two or three great artists, you may hear hundreds. You may hear the music that was known in Chopin's day—plus the masterpieces that have been written in the years between his generation and ours. Sonatas, nocturnes, serenades; dance music, ballads and hymns—you can command these riches whenever you like and as often as you choose.

The secret of this new golden age of music lies in a miraculous invention called the Ampico. Concealed within the case of a fine piano, the Ampico mechanism makes the strings of that instrument sing under the touch of such artists as Lhévinne, Ornstein, Rachmaninoff—and hundreds more who make up today's aristocracy of music.

Only with these fine pianos

The Ampico may be had only in the following pianos, instruments that have been known for generations for preeminent quality: the Chickering, the Mason & Hamlin, the Knabe, the Marshall & Wendell, the Fisher, the Haines Bros., the Franklin, and in Canada the Willis also. Note that the Chickering, the Mason & Hamlin, and the Knabe—three of the four great pianos in general use on the American concert stage—have now adopted the Ampico.

A few selections you may want to hear

DOHNÁNYI
GODOWSKY
LHÉVINNE
MOISEIWITSCH
ORNSTEIN
RACHMANINOFF
Etude—*Chopin* ROSENTHAL
SCHNITZER
Liebestraum—*Liszt* BLOOMFIELD ZEISLER

DELCAMP
LOPEZ

Yet the flawless structure of these pianos is in no way altered by the presence of the Ampico. The piano is unchanged—intact for playing by hand.

Exchange your silent piano for an Ampico

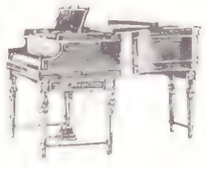
The opportunity which still exists to exchange your silent or player piano for an Ampico makes owning an Ampico not something to dream of, but a joy possible of immediate realization. Foot-power model, $795. Electric power models, $985 to $5000. With freight added. Uprights and grands.

Hear the Ampico today

To make sure of hearing the Ampico soon, go to a store where any of the pianos mentioned are sold, select an Ampico recording of a favorite composition and ask to hear it played. If you want to know more about the Ampico before hearing it, write us for a booklet describing the Ampico and telling of the Ampico library of music played by hundreds of famous artists.

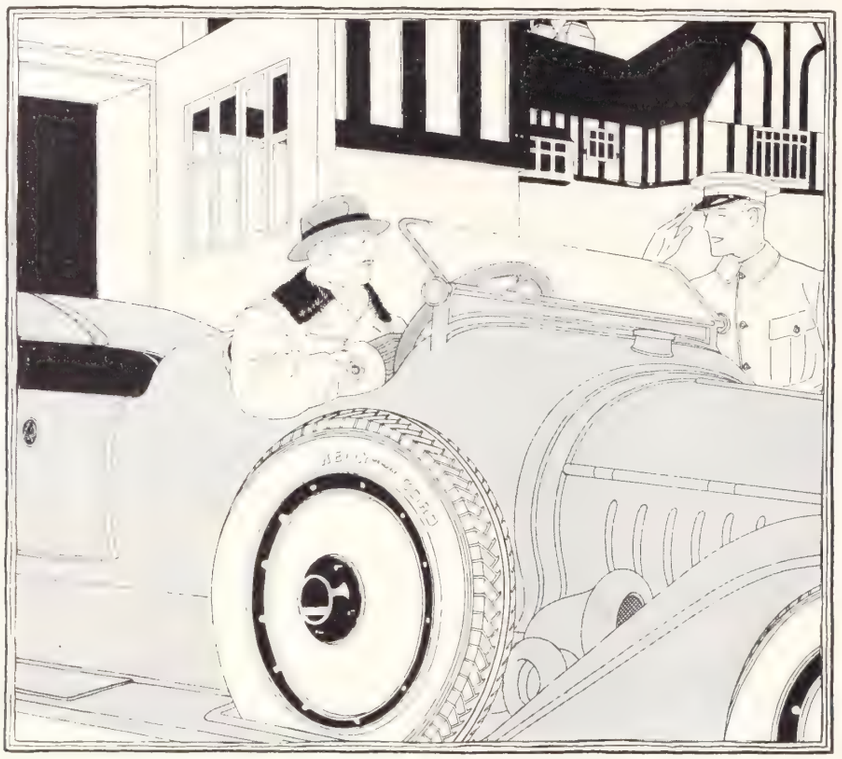
THE AMPICO CORPORATION
437 Fifth Avenue, New York City

The AMPICO



The "All" of the Piano

THE BEST TIRE KELLY EVER BUILT



The KELLY FLEXIBLE CORD

THE new Kelly Cord gives more mileage, because it is a vast improvement over previous types of cord tire construction.

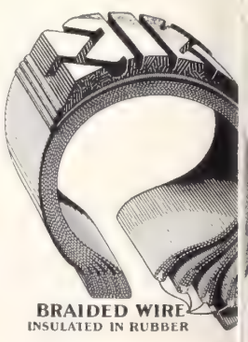
It gives greater comfort because it is more flexible than the ordinary cord tire, and hence easier-riding.

In the ordinary tire each ply of cord fabric is cut off at the bead, which is thus held in place merely by adhesion to the plies.

In the Integral Bead construction, used only by Kelly, the cords are *not* cut off, but by a special process are looped around the bead.

This construction has two marked advantages. It anchors the bead firmly in place, and it gives the whole tire a flexibility impossible where the ordinary type of construction is used. Not only does it make the *carcass* of the tire more flexible; it makes possible the use of a flexible *tread*.

The name "Kelly-Springfield" on a tire has always meant a thoroughly good product. In introducing the Kelly Flexible Cord to the motoring public we do so with full confidence that we are offering the best tire we have ever built.



The drawing at the right shows how the bead of the new Kelly Cord is formed by enclosing strips of braided wire in the loops of the cord fabric. The cords which form these loops are continuous from the beginning of the inmost ply to the end of the outer. The whole tire thus has a flexibility and "give" that is necessarily lacking in tires made by the ordinary method.

KELLY-SPRINGFIELD TIRES

STANDARD OF THE WORLD



CADILLAC Custom-Built BODIES IN 24 Master COLOR HARMONIES

One of the pleasures of purchasing a V-63 Cadillac with Custom-Built Body by Fisher is that you are enabled to gratify your individual taste in finish and upholstery.

Twenty-four master color harmonies and ten upholstery patterns in mohair and cloth—each a model of elegance and tastefulness—are submitted by Cadillac.

From among these you are invited to select the combination which exactly reflects your ideal of beauty.

The Custom-Built Body of your choice will be mounted on the V-63 chassis which is the climax and culmination of ten years of exclusive eight-cylinder manufacture.

It is a pleasure to own the motor car which is acknowledged to be Standard of the World; and the pleasure is even deeper when that car is endowed with an individual beauty of your own selection.

CADILLAC MOTOR CAR COMPANY · DETROIT, MICHIGAN

CADILLAC

SANITAS
STANDARD
STP
TEXTILE PRODUCTS CO
BRAND
REG U.S. PAT OFFICE

Look for this trademark on the back of the goods.



SANITAS
MODERN WALL COVERING

Makes your wall decorations a capital investment

THE most unkind critic of your walls is TIME. All wall decorations start out fine, but with plaster that cracks, artificial heat that dries out, blisters and peels off the wall covering, and atmospheric dust, soot from gas-lights and furnaces, and the finger-marks of never-too-careful children, most wall coverings have a hard time. And, to keep your rooms looking as they ought, the upkeep expense mounts high.

There is no upkeep cost to Sanitas Modern Wall Covering; no freshening-up that an occasional wiping with a damp cloth can't do; no cracks, tears, blisters, or peeled-off places to repair. Sanitas is not a temporary expedient intended only to "last awhile." It first cost is its only cost for many, many years. It really is a capital investment in your property, not an expense.

The reason is that Sanitas is made on cloth, ready-finished with durable, un fading oil colors. The cloth back doesn' show through on the surface, but it doe do a lot to prevent cracks and hold a old wall firm. It can be applied on new walls as soon as the plaster is dry, or old walls when the cracks have been filled, and is ideal for plasterboards.

Sanitas is a wall covering for general use, not just for bathrooms and kitchens It comes in styles for every room in the house.

Styles for every room in the house

Plain and Pastel Flat Finish
tints that can be hung as they come, or stenciled, frescoed, or Tiffany blended.

Decorative Flat Finish
conventional and foliage patterns, neutral toned designs of vague formations, stripes, mottled effects, and reproductions of tapestry, grass-cloth, leather and various fabrics.

Brocade and Metallic Finishes
in embossed effects for paneled treatments and trimmings.

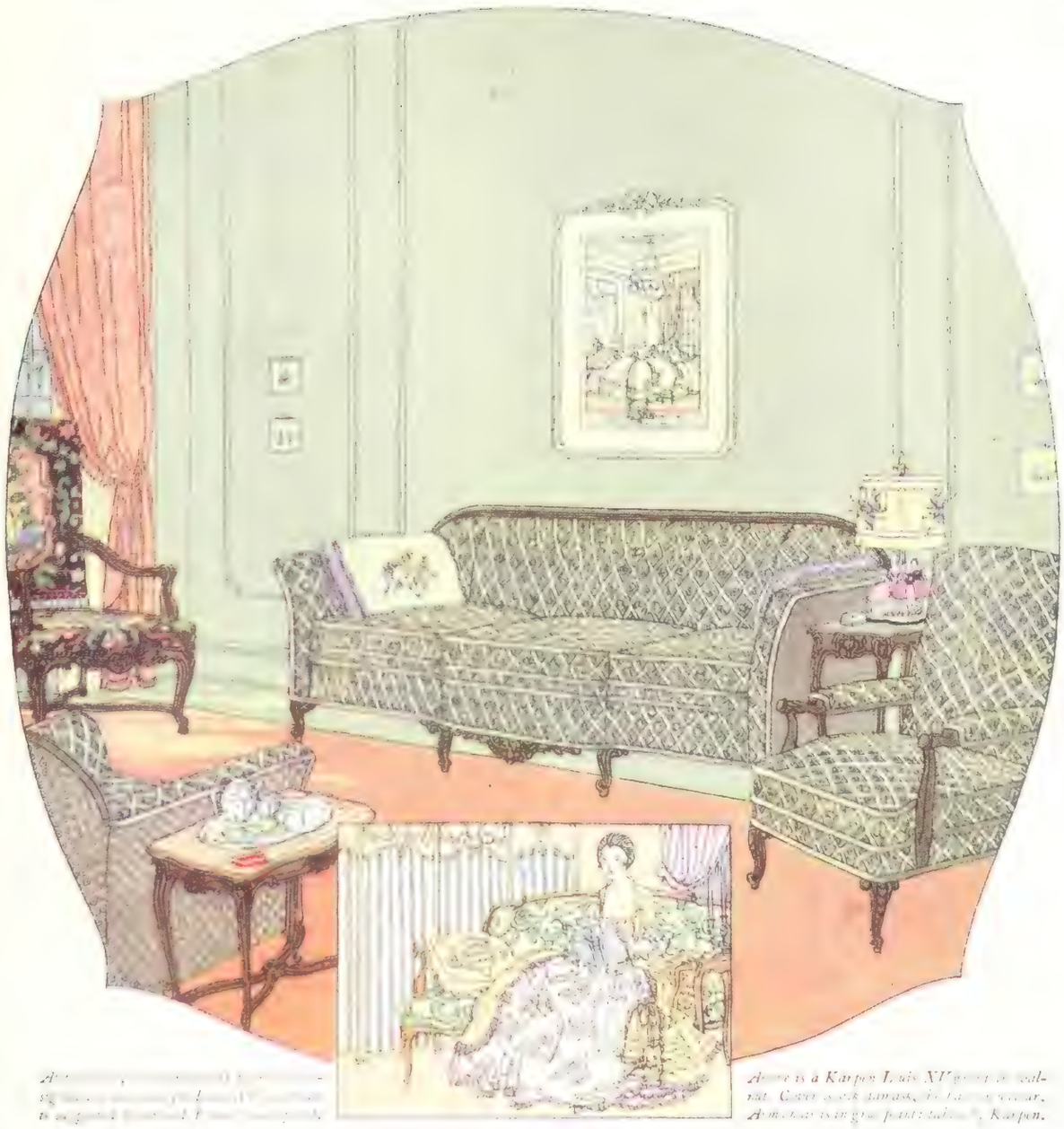
Enamel Finish
plain colors, tile effects and decorative patterns, for kitchens, bathrooms, etc.



Ask your decorator to show you these new Sanitas styles.
Write to us for samples and descriptive booklet.

THE STANDARD TEXTILE PRODUCTS CO.,
320 Broadway, Dept. 21, New York

When you visit Atlantic City, see the Sanitas Exhibit at 1410 Boardwalk, Central Pier.



Above is a Karpen Louis XV [illegible] walnut. Covered with damask, [illegible]. Above, at left, is a fine [illegible] by Karpen.

A king's furniture, re-created for homes of thrift and taste

THE magnificence of French court life under Louis XV inspired his master designers and craftsmen. Their gifted hands expressed in furniture the spirit and the splendor of the times.

Its grace and luxury were for the wealthy alone. In the stately rooms of the King's palace at Versailles, its beauty was locked away from all but a fortunate few.

With the passing generations, appreciation of Louis XV furniture has grown. Widely admired as it has been, it could be enjoyed until recently only by those to whom its cost was not an obstacle.

Now Karpen gives to your living room the charm of the salons of Versailles. Manufacturing genius has multiplied the productive power of skilled workmen. New comfort and utility are added to authentic design. And extravagance gives way to moderate investment.

Bringing furniture of distinguished character within every family budget is Karpen's contribution to American homes. The discriminating taste and sense of values possessed by our home-makers, in turn, have made Karpen the world's largest producer of upholstered furniture and allowed factory economies now reflected in added quality and lower prices.

Whether your need is a single chair or a harmonious group for your living room, library, sun room or reception hall – whether you favor period or modern design— Karpen's unusual range of styles and prices will match your requirements.

Ask the merchant you like best to show you Karpen Furniture. If he hasn't it, let us tell you where in your city it can be found. Write to S. Karpen & Bros., 801-811 South Wabash Avenue, Chicago, or 37th Street and Broadway, New York.

[illegible] before you buy

UPHOLSTERED FURNITURE [illegible] ENAMELED CANE FURNITURE [illegible]

Karpen

KARPEN Guaranteed Construction FURNITURE

FURNITURE



Belflor Inlaid Pattern No. 7103/5

Belflor Inlaid Pattern No. 2049/3

Belflor Inlaid Pattern No. 2047/5



This Three Thistle trade mark is on the back of every yard of
NAIRN LINOLEUM

Belflor Inlaid—a new line of 46 marbleized pattern effects of rare beauty. Made in light and heavy weights.

Straight Line Inlaid—clean cut inlaid tile patterns, machine inlaid.

Dutch Tile and Moulded Inlaids—the mottled colors merge slightly to produce softened outlines.

Moiré Inlaid—a rich two-tone, all-over effect.

Granite and Moresque Inlaids—popular all-over mottled effects.

The edge shows you *that the inlaid patterns are permanent, the colors go through to the burlap back*

Battleship Linoleum—heavyweight plain linoleum—made to meet U. S. Gov't specifications. In five colors.

Plain Linoleum—lighter weights of Battleship Linoleum. In six colors.

Cork Carpet—an extra resilient and quiet plain-colored flooring.

Printed Linoleum—beautiful designs printed in oil paint on genuine linoleum. Has a tough, glossy surface.

Linoleum Rugs—linoleum printed in handsome rug designs.

Pro-Lino—attractive patterns printed on a felt base.

Belflor Inlaid Pattern No. 2047/1

Belflor Inlaid Pattern No. 7104

The vogue of colorful floors

EVERY time you lay a vivid Chinese or Oriental rug on your hard neutral-tinted wood floor, you're recognizing the importance of color in floors.

Now decorators are going farther—choosing a floor that is itself distinctive and colorful, a floor such as Nairn Inlaid Linoleum, and making it the foundation of the entire room scheme.

Quaint Dutch tiles, block patterns, moiré effects—there's a beautiful Nairn pattern for any period of furniture or interior that will add the modern touch of color and distinction to your floors.

Loveliest of all is the new *Belflor* Inlaid. A new and wonderful process renders each tile in a *Belflor* pattern slightly different in color-blending; the floor looks hand-tinted.

And you get so much besides beauty in *Belflor* and the other Nairn Inlaids: noiselessness, comfort, and unmatched durability.

These floors are practically permanent. With an occasional waxing, the soft colors stay fresh indefinitely for they go clear through to the sturdy burlap back.

And all this at a price below that of any similar floor-covering.

Ask your dealer to show you the Nairn patterns and to tell you about *Belflor*. Or write us for folder showing patterns in colors.

CONGOLEUM-NAIRN INC.

Philadelphia New York Boston Chicago
Kansas City San Francisco Atlanta Minneapolis
Cleveland Dallas Pittsburgh New Orleans

NAIRN INLAID LINOLEUM



WAMSUTTA PERCALE sheets and pillow cases

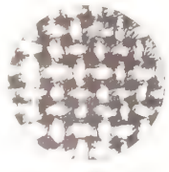
Made in America—finest and strongest

SEEING and feeling Wamsutta Percale for the first time, most women are astonished at the amazingly soft, smooth texture of these beautiful sheets and pillow cases. Instinctively they compare them with expensive imported linens. A natural comparison; and perhaps the only one.

For Wamsutta Percale is quite *different* from ordinary cotton fabric. Its very loveliness and tremendous strength make it the superior of any sheeting, imported or domestic. Tests by Dr. E. B. Millard of the Massachusetts Institute of Technology, have proved that of 25 brands of sheets purchased in the open market and subjected to 160 washings, Wamsutta Percale Sheets and Pillow Cases were stronger than any other. With the new Wamsutta Tape Selvedge adding still further to their durability, they are even replacing linen.



Wamsutta Percale
after 160 launderings



Ordinary Sheeting
after 50 launderings

You can quickly identify Wamsutta Percale, woven and finished in New Bedford, Mass., by the green and gold label. It is your absolute protection when you buy.

For the bride's hope chest, for every gift occasion, for every bed in your home, Wamsutta Percale is ideal—especially when embroidered or monogrammed. At the best stores—plain, hemstitched or scalloped.

WAMSUTTA MILLS, New Bedford, Mass. [illegible]

PRIDDY-WATTS & CO., Selling Agents, 41 [illegible]

[illegible]

WAMSUTTA PERCALE

Sheets and Pillow Cases -- The Finest of Cottons

WAMSUTTA MILLS ALSO MAKE WAMSUTTA NAINSOOK, LUSTERSHEER, LINGERIE, WAMSUTTA UNDERWEAR CLOTH, AND WAMSUTTA OXFORD



"and really, it's no work at all, this new, easy way"

"Did you really have a good time at my party last night? I've just finished touching up the floors after the dancing. No, it isn't any trouble at all—only took me twenty minutes.

"My floors were a sight when the children went back to school. They had danced all over the house and I was almost discouraged. Then one day I read about the new, easy Johnson method and decided to try it. Now my floor troubles are over! And it's so easy and clean. No mess—no rags or pails—no soiled hands. Why, you don't even have to stoop.

"And, best of all, it's the most economical floor treatment I know. You just get a Johnson Floor Polishing Outfit which includes the Liquid Wax—a Lambs-wool Mop for applying and a Weighted Brush for polishing. That's all you need.

"First you pour a little of the Liquid Wax onto the lambs-wool mop—a few gliding strokes and the wax is on the floor. Then a few minutes of brisk polishing with the Weighted Brush—and the floor is transformed!

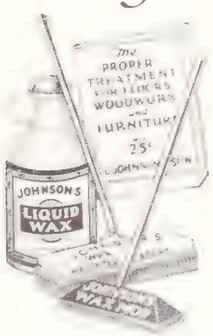
"Since I started waxing my floors they require only about half the care. Ordinary dry dusting keeps them immaculate. You see, the wax finish is so hard and dry that dirt and dust can't work in—it lays lightly on the surface and dusts off clean.

"And I've gotten rid of those ugly spots in the doorways and corridors! I just re-wax these places when they start to show wear. It isn't necessary to wax the whole floor—just touch up the traffic spots".



Any store displaying this [illegible] Johnson Floor Polishing Outfit. These stores also carry a full line of Johnson's Artistic Interior Wood Finishes. They will gladly [illegible] a FREE copy of the Johnson 25c Book on Home Beautifying and are competent to answer [illegible] on the proper finishing of wood.

$6.65 Floor Polishing Outfit, $5.00



It's the new, easy way to have beautiful waxed floors and linoleum. *This Outfit Consists of:*

1 Quart of Johnson's Liquid Wax	$1.40
1 Johnson's Lambs-wool Wax Mop	1.50
1 Johnson's Weighted Floor Polishing Brush	3.50
1 Johnson's Book on Home Beautifying	.25
	$6.65

Insist upon your dealer supplying you with a Johnson $6.65 Floor Polishing Outfit for $5.00—it means a saving of $1.65!

This offer is good at department, drug, grocery, hardware and paint stores. If your dealer cannot furnish the outfit—write us for the name of a nearby dealer who can.

S. C. JOHNSON & SON • Dept. H. G. 3 • Racine, Wis.
"The Wood Finishing Authorities"

JOHNSON'S LIQUID WAX



The Rosebud Cherry is a cascade of delicate pink falling along slim and graceful branches and filling the air with fragrance

THE CHERRIES OF JAPAN

(Continued from page 97)

Cherries is made the occasion of a national holiday in Japan, annually decreed by the Emperor. And right merrily do the people enjoy the festival. It signifies that spring, the season of gladness, has come. Old and young, rich and poor put on their best raiment, visit and entertain their relatives and friends. There is something peculiarly gay and cheery about these white and pink Cherry blossoms, and the prodigality of flowers and joyousness of color is ravishing.

It is sixty years since the first Japanese Cherry was introduced into America, but where are the fine specimen trees that one might reasonably expect to see? Here and there where trees directly imported from Japan have been planted, fair examples are to be seen, but it is only within the last twenty-five years that such trees have been available in any quantity, and they are still all too rare. The early importations were nearly all used for purposes of propagation by budding and grafting on European stocks. This has been a curse. In the practice of gardening the art of grafting and budding is useful, nay it is essential, but it is greatly abused. As a means of perpetuating many fruit and certain flowering plants it may be deemed indispensable. By the trade the art is often practised as a means of quickly producing saleable plants, but results in much disappointment to the purchasers. Too little attention has been paid to finding out the right kind of stocks to use, and especially is this true in regard to flowering trees and shrubs.

With the Japanese Cherries it has been the practice to graft or bud them upon the Gean *(Prunus avium)*, the Wild Cherry (*P. cerasus*) and other western species, and the results are far from being satisfactory. In fact, such stocks are quite unsuitable, and the sooner this is accepted the better.

Many of the Japanese Cherries root readily from cuttings; all the species and their wild forms may be raised from seeds. The double-flowered and anomalous garden forms should be budded or grafted on their wild prototypes. Planted closely together for a year or two and pruned to a stem, young trees suitable for any required purpose are soon obtained.

Confused nomenclature has also acted as a deterrent. In fact, this and unsuitable stocks for their propagation are largely responsible for the subordinate position Japanese Cherries occupy in our gardens at the present time.

I do not recommend indiscriminate or even general planting of the double-flowered forms. Even in Japan they are neither large nor long-lived trees. Short-stemmed, at the most 30 feet tall and as much through the crown is their maximum, and such trees are rarely seen. Prematurely old, lichen-clad and decrepit trees one often sees, and such the people of Japan admire; but not so ourselves. Near buildings and out of the wind—for, being surface rooting they are easily blown down—an occasional double-flowered cherry is all right; but for avenues, margins of woods or the pleasure grounds it is the single-flowered species and their wild forms, which grow into large and long-lived trees, that should be planted. The Japanese have a keen eye for detecting points of difference among their favorite flowers. They recognise more than a hundred forms of Cherries, but for all practical purposes the distinct double-flowering forms may be included in a couple of dozen kinds.

The Cherries of the Orient may be used for many purposes in the embellishment of the gardens and parks of America. For avenues there are no finer deciduous trees with pleasing blossoms than the Sargent Cherry *(P. serrulata* var. *sachalinensis)* and the Tokyo Cherry *(P. yedoensis)*. As a specimen on the lawn or in the park, none is finer than the Rosebud Cherry *(P. subhirtella* var. *pendula)*—I mean real trees, not the stunted apologies one usually sees. For any purpose where small trees are in request, nothing could be more beautiful than the Spring Cherry *(P. subhirtella)* with its myriads of soft pink blossoms. Seen in the early morning against a blue sky with the dew still in evidence, it is a vision of perfect beauty. The

(Continued on page 116)

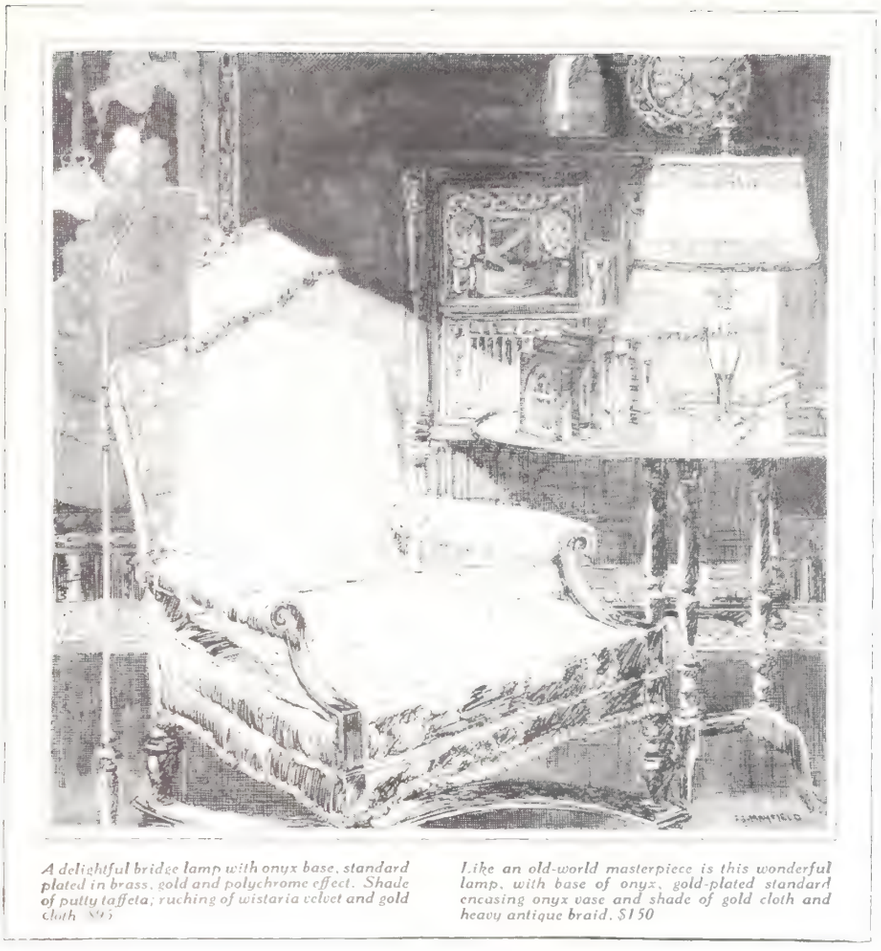


Evidence of the exceptional values to be found in Almco Lamps is this handsome bridge lamp with an all-metal base finished in plated French gold and a georgette shade edged with black and gold ruching

Special $25.00



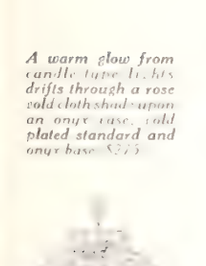
A shade of champagne georgette and orchid satin, delicate china flowers, a slender Rosaline vase and a tall standard in a plated gold finish form this charming lamp. $95



A delightful bridge lamp with onyx base, standard plated in brass, gold and polychrome effect. Shade of putty taffeta; ruching of wistaria velvet and gold cloth. $95

Like an old-world masterpiece is this wonderful lamp, with base of onyx, gold-plated standard encasing onyx vase and shade of gold cloth and heavy antique braid. $150

Every home can now have *better lamps*



A warm glow from candle type lights drifts through a rose gold cloth shade upon an onyx vase, gold plated standard and onyx base. $75





A slim standard of plated bronze and gold on an onyx base is topped by an exquisite shade of gold cloth and green taffeta with a bronze band when lighted. $45



Combine a green etched vase, old gold plated metal, a base of onyx and a shade of gold cloth and lace and you have the fascinating lamp pictured. $195

You remember the ugly, clumsy lamps that a few years ago were the only ones available. You had them in your own home, but you never liked them. The bases were heavy and crude—the shades were gaudy, and frequently, because they were bought separately, were inharmonious.

Then, one day, you heard of a new idea in lamp design—Almco Lamps, each lamp created as a complete unit, with base, shade and every detail of design, color and finish in accord; and each lamp embodying a new conception of artistry and a new standard of craftsmanship.

Today, as then, Almco Lamps set the pace in lamp design and workmanship. They have made it possible for every woman to have in her home lamps that are fine and beautiful, that are in the most exquisite taste, but that are not prohibitive in price. The newest fashion sponsored by the creators of these lovely lamps is the interesting plated finishes, simulating antique and bright gold, silver, French bronze, English brass, Swedish iron and other rich and handsome effects.

These delightful lamps may be found in any of the better stores. They are easily identified by the Almco tag or label on base or shade. Write for booklet, "What Good Taste Decrees in Lamps."

ART LAMP MANUFACTURING COMPANY
DISPLAY ROOMS
Almco Building, 1433 South Wabash Avenue, Chicago
305 Fifth Avenue, at 31st Street, New York

ALMCO LAMPS

Ahrenfeldt China — France



Ahrenfeldt china is the very flower of French genius. The possessor of a dinner service stamped with this maker's noted quality mark is assured of the finest in ceramic art. Obtainable wherever fine china is sold.

DINNER SERVICE

A charming example of the Ahrenfeldt dinner service with a dainty floral motif and lace border edged with gold.

Ahrenfeldt China

"The Aristocrat of French China"



The collection of old Cherry in the Arnold Arboretum, Jamaica Plain, comprising specimens of many species, contains trees and forms not yet in cultivation

THE CHERRIES OF JAPAN

(Continued from page 144)

pair of the Rhododendrons or vary on the terrace and mention should be made of Cherry trees of considerable size for shade-clad favorites, for these give from the standpoint of shade and a golden harvest. Many of the Cherry trees from which—most choice in quantity—this will be true in gardens. In general China, a Cherry tree may be found in almost every land, almost every luxuriate evergreen R[illegible]. Often have I fondled the opening [illegible] of *P. subhirtella* var. *autumnalis*.

Cherries are sun-loving trees and [illegible] a sunny [illegible] soil. Against a foil of evergreens the flowers are seen to best advantage. In the forests of evergreen Oaks and Laurels which [illegible] the [illegible] mountains of eastern Formosa the red-flowered *Prunus campanulata* is [illegible], and, as it [illegible] the season, is presented in February, 1918, and as [illegible] seems readily to [illegible]. But this beauty, most [illegible] colored of all, is only for those who [illegible] on the Pacific Slope and [illegible] Japan. Not long ago [illegible] Pomona to [illegible] a [illegible] reached me extolling this Cherry, claiming it the best of my introductions there.

In Japan nine species with [illegible] varieties are [illegible]. All [illegible] worthy, [illegible] of these [illegible] several of them also grow in the forests of Korea and China. Many [illegible] have been introduced from [illegible] China, but [illegible] and the earlier parts of [illegible] introduced have yet to be fully demonstrated. Such as *P. [illegible]*, *P. [illegible]* and *P. [illegible]*, all [illegible] trees, are undoubtedly acquisitions, while *P. serrula* is worth growing for its handsome yellow-brown trunk, [illegible] the trunk and [illegible] are [illegible] about to be described.

The first Oriental Cherry introduced into the Occident came from Canton in 1817 and was named *P. pseudocerasus*. The species is [illegible] in Japan but rarely [illegible] parts of China for its fruits. Long ago it was introduced into Japan for the same purpose and is [illegible] there today. The flowers are [illegible] fancy pendulous and pretty, but the

(Continued on page 212)



One of the most attractive of the double-flowered pink Cherries is the variety Hupehensis



Brunswick now offers the choice of two supreme musical instruments: the Brunswick Phonograph alone without radio, and the Brunswick Radiola, which is a phonograph and a radio in one.

The Brunswick Radiola Super-Heterodyne, No. 460

RADIO THAT IS BEAUTIFUL

IN MORE WAYS THAN ONE

This remarkable instrument, the Brunswick Radiola Super-Heterodyne, combines radio's superlative thrills with the supreme in phonographic reproduction—then dignifies its housing with exquisite examples of modern cabinet making.

COMBINED in [illegible] by the leader in radio, the Radio Corporation of America, with Brunswick, leader in phonograph reproduction, the Brunswick Radiola combines the most exciting of musical adventures.

To the radio enthusiast it offers magic attainments in mastery of the air and selectivity, plus a clarity and ease of operation unknown before.

To the musically inclined, it holds the supreme reproductive qualities of the Brunswick Phonograph, the instrument for which virtually every artist of the New Hall of Fame now records exclusively, as its allure.

And, of equal and outstanding importance, it exemplifies the most exquisite examples of modern cabinet making. As a piece of furniture, it is dignifiedly beautiful.

Not a makeshift, but a scientific unit

Unlike the ordinary, so-called "combination" phonograph and radio, the Brunswick Radiola is a scientifically combined unit, not simply a radio receiving device [illegible] a phonograph attached.

The loud speaker unit, the loop antennae, batteries and all the integral parts are built into the instrument itself: the ultimate results of exhaustive laboratory work by world's foremost acoustical experts of the Radio Corporation of America and of Brunswick.

Due to the synchronizing of the Radiola loud speaker with the Brunswick all-wood tone amplifier and two-purpose horn, it attains a musical quality that is amazing, and an almost unbelievable clarity.

It is either a phonograph or a radio as you wish—at a simple turn of a lever. *One changes no parts to operate it.*

The price range

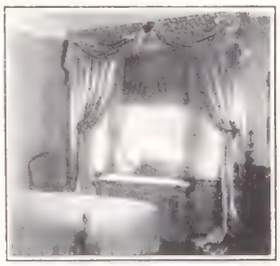
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COLOR COMFORT IN THE HOME

HALL THORPE, R. B. A.

THEY were seated in the show room of a large wall paper emporium; she was a prosperous looking little woman, utterly bewildered but trying hard to appear intelligent, and by her side, dogged and disgruntled, sat her husband, a busy city man inwardly fuming at the loss of time. She had evidently insisted upon him coming with her to choose the new wall papers and here they were seated like babes beneath the hypnotic blandishments of the young salesman. Roll upon roll of paper flashed before them in every color and contortion of design, while the young man revelled in his power, swept aside their feeble protests and sold them wall papers for dining-room, bedroom, kitchen and hall. "Here is just what you want, Madam, something bright and cheerful"—and he unloaded upon them an aggressively patterned paper in blue and tomato red. "Something smart for your bedroom"—pink roses and blue ribbons on discordant green and so on. I was fascinated and found it difficult to attend to my own purchases, here was a tragedy being enacted before my very eyes, a tragedy that accounted for much of the hideousness of our homes. This young man was selling them papers for every room, yet he never once enquired as to what carpets, curtains or furniture were expected to go with them, or whether the rooms faced north or south, were large or small; he was out just to sell wall paper with a strong bias toward geting rid if possible of old stock. They, on their part, dear people, had come quite unprepared for the work in hand, without any definite idea or scheme, either as to color or design and the result inevitably would be a house devoid of color comfort, where carpets, curtains and wall papers clash and curse in continual conflict.

Which all goes to show that harmony of color in furnishing can only be gained by careful consideration of the problem as a whole, a comprehensive grasp of the subject which will bring all details into harmonizing unity.

To gain such a result it would seem most necessary that all thinking and planning should be done away from the shops where the mind can be entirely free to consider the practical necessities of the problem.

Nothing is more distracting to the furnisher than the gorgeous displays of fabrics to be found in the modern store, where endless variety and enticing color beguile the unwary into premature purchases. So much which appears beautiful in the shop would be found quite impossible in the home surroundings and trouble awaits the furnisher who buys on a wave of emotion and tries to make his purchase "fit in" somewhere.

That is why successful results in furnishing, it would seem, are more dependent upon qualities of character, such as poise, thoughtfulness and refinement of thought, rather than upon what is often miscalled good taste and artistic talent. Sometimes the most foolish and impractical color schemes are evolved by professional artists and people who possess scientific knowledge of color but who seem to apply their knowledge in this respect apart from ordinary common sense. In fact, success in this direction as in every other is the result of clear, sensible thinking, good taste being simply the expression of good thinking.

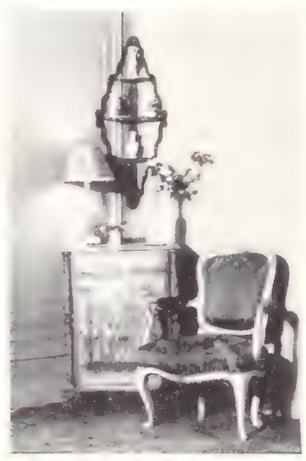
Much of the ugliness and lack of order in our homes is due simply to thoughtlessness and to the general belief that questions of taste are matters of feeling or of some special artistic gift beyond the pale of rule and reasoning, possessed only by a few rare, aesthetic souls.



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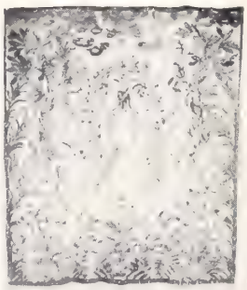
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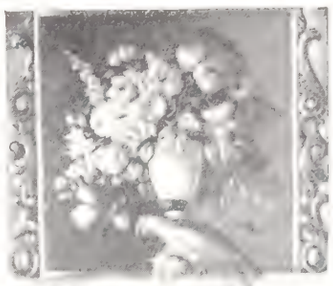
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COLOR SCHEMES *and* WOODCUTS

The color scheme in modern furnishing has created a demand for a distinctive type of picture, plain and simple in coloring and decorative in treatment. Such work in order to be practical for this purpose should possess a dominant note of color or a gay medley of tones which can be used to pick up the colors of the fabrics chosen. In this respect there is undoubtedly a definite searching out for something adaptable and different to the heavily gold framed oil painting and the only too frequent colorless water-color, both of which are extremely difficult to work into any scheme where color is concerned. Of course where suitable paintings can be found in these mediums, with good qualities of color, they are invaluable and can be made a centre of interest around which a scheme of decoration can be built. Apart however from the question of color, the demand has been for something more flexible and more adaptable to experiment and change than the costly original painting and as a result the furnisher has naturally turned his attention to the many forms of inexpensive color print.

In this direction endless variety and unlimited choice is to be found in the print shops of to-day of original prints in lithography, woodcut and etching, also in beautiful reproductions in color of original paintings, wonderfully perfect in technical skill. Because of its color appeal and distinctive quality as a direct expression of the artist's thought, the color woodcut has taken a foremost place in the affections of the house decorator. He finds in it a work of art so moderate in price as to allow him to follow out his aesthetic fancies and demonstrate his love of color.



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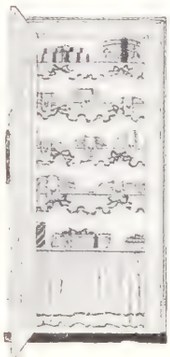


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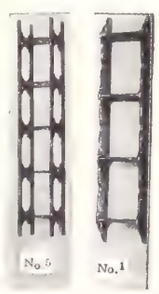
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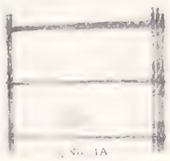
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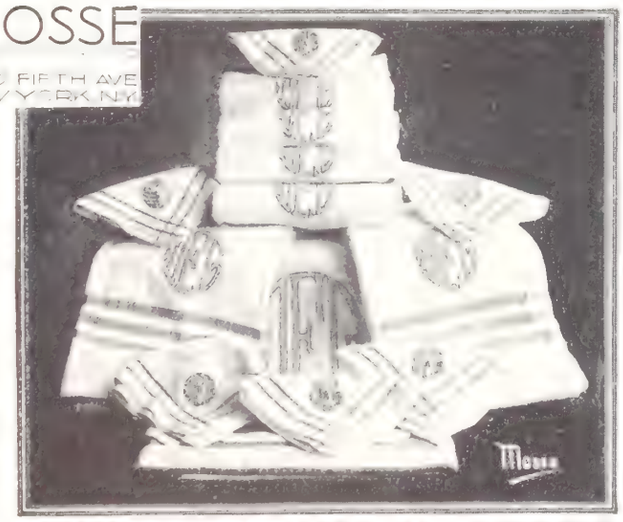
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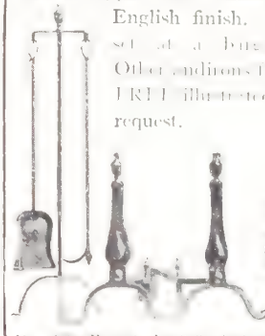
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THE CHERRIES OF JAPA

(*Continued from page* 116)

tree is tender and of no outstanding merit as an ornamental. I would not mention it here but for the fact that its name has been promiscuously applied to the flowering Cherries of Japan, with which it has absolutely nothing to do.

The next Cherry introduced also came from Canton and had double white flowers. This was named *P. serrulata* in 1830. Good trees of this I have not seen in America but in the Cambridge Botanic Gardens, England, and also in Kew there are fair specimens. They are low, thanks to grafting, with rigid, horizontal, spreading branches and, out of blossom, are more remarkable, than beautiful in appearance. This Cherry is simply a double-flowered form of a species common in the woods and forests of central China and of northeastern Asia generally, and now known as *P. serrulata* var. *spontanea*. In the north of Japan it is replaced by the larger-flowered variety *sachalinensis*.

SOME MORE INTRODUCTIONS

Associated with both these, and having a wider distribution than any other Asiatic Cherry, is the variety *pubescens*, distinguished by its hairiness. Where and when the double-flowered *P. serrulata* originated is unknown and the same is true of its pink counterpart var. *rosea*. They are well distinguished from all other forms by their smaller flowers crowded with narrow petals.

The wild varieties *spontanea* and *pubescens* are the common Cherries of the Far East and in Japan are called "Yama-zakura," that is, Mountain Cherry. These trees grow to 75 feet in height, with a trunk sometimes 12 feet in girth; they have stout ascending branches and pale to rose pink blossoms an inch or less across. The young foliage is a bronze, metallic green and in the autumn changes to shades of yellow, orange and crimson, which adds much to the attractiveness of these trees. The more northern form (var. *sachalinensis*), the Sargent Cherry, is distinguished by its large flowers, each from one to one and three-quarters inches across, often rose-pink, rarely white, in color. This is the most hardy and the largest growing of all Asiatic Cherries, and if one kind only can be planted it should be this. The finest of the pink and rose-colored double-flowered Cherries are forms of this variety. The six best are *Kirin*, *Horinji*, *Ichiyo*, *Fugenzo*, its white form *Shirofugen*, and the late-flowering *Sekiyama* (or *Kanzan* as it is usually called).

The principal parent of Japanese Cherries is *P. Lannesiana* var. *albida*, which is native to the volcanic Seven Isles of Idzu, the Boshu Peninsula and elsewhere in the warm parts of Japan. It is a smaller tree than the preceding, with pale bark and white or pale pink fragrant flowers. It is not so hardy as the varieties of *serrulata* nor so long-lived, though of rapid growth. Of the scores of named forms of this Cherry the following dozen are among the best: *Jonioi*, *Sumizome*, *Senriko*, *Ogon*, *Yaye-akebono*, *Botanzakura*, *Miyako*, *Hata-zakura*, and *grandi-flora*, known to the Japanese as [illegible] or *Asagi* and remarkable for its [illegible] yellow flowers. Another species [illegible] double flowers is *P. Sieboldii*, [illegible] called in the trade Waterer's Ch[illegible], which is characterised by the [illegible] appressed, fulvous-gray hairs [illegible] clothe the leaves. This is a tr[illegible] moderate size, and, though comm[illegible] cultivated in Japan, has not yet [illegible] reported in a wild state. Like *P. [illegible]nesiana* and its forms, this Cherry [illegible] also be rooted from cuttings.

Of the Spring or Rosebud Ch[illegible] there are four distinct types. The [illegible] form is *P. subhirtella* var. *ascen[illegible]*, which is indigenous to the wooc[illegible] of Central China, Formosa and Ja[illegible]. It is a large tree with a wide spr[illegible]-ing crown, but is less beautifu[illegible] in blossom than its sisters. The va[illegible]y *pendula* is well described by its n[illegible] and the tree in size equals that of [illegible] wild form. What has to bear [illegible] specific name of *P. subhirtella* [illegible] a small tree, probably of garden or[illegible], and is the most floriferous and, [illegible]-haps, the most pleasing of all Japa[illegible]e Cherries. It is the *Higan-sakura* [illegible] Spring Cherry. The fourth form [illegible]s semi-double flowers which are sc[illegible]-times most freely produced in [illegible]e autumn and, in consequence, is na[illegible]d var. *autumnalis*. Very often it flo[illegible]s sparsely in the spring and freely [illegible]n the autumn; in other seasons the [illegible] opposite prevails. All the forms [illegible] *P. subhirtella* should be worked [illegible]n the type; they will also root f[illegible] cuttings. From seed a percentage c[illegible]e true, but the tendency of the varie[illegible]s is to revert to the wild form, *asce[illegible]ens*. All have pink blossoms, de[illegible] in the bud, hence the name Rose [illegible] Cherries.

THE HERALD OF THE FESTIVAL

A quick-growing and handsc[illegible] tree is the Tokyo Cherry *(P. yedo[illegible]sis)* whose opening blossoms her[illegible] the Cherry festival. Though ab[illegible]dantly planted in Tokyo and e[illegible] where this Cherry is of unknown o[illegible]gin, and is, very possibly, a hybr[illegible] It has a short but thick trunk a[illegible] large spreading branches which fo[illegible] a broad rounded crown. The flow[illegible] are white to pale pink and are ch[illegible]acterised by their hairy, cylindric [illegible] pula and flower-stalk. It is a ma[illegible]nificent tree for avenue planting a[illegible] may be readily raised from se[illegible] Three other Japanese species, *P. ma[illegible] mowiczii*, *P. nipponica* and *P. apeta* are of lesser merit. This article m[illegible] well end with mention of *P. inci[illegible]* a species abundant on the lower slo[illegible] of sacred Fuji-yama and one of t[illegible] most pleasing of all, yet virtually u[illegible] known to American gardens. Usual[illegible] a bush from 5 to 15 feet tall, it wi[illegible] under favorable conditions, form [illegible] small tree from 25 to 30 feet tall wi[illegible] a neat crown of spreading and ascen[illegible]ing-spreading twiggy branches. T[illegible] flowers are usually nodding and va[illegible] in color from white to pale pink; t[illegible] cupule and sepals are vinous red a[illegible] the stamens are tinged with the sa[illegible] color, and the anthers are golden. [illegible] Cherry is more hardy, more florifero[illegible] or more lovely than this the *Mam[illegible] zakura*—Pigmy Cherry of Japan.

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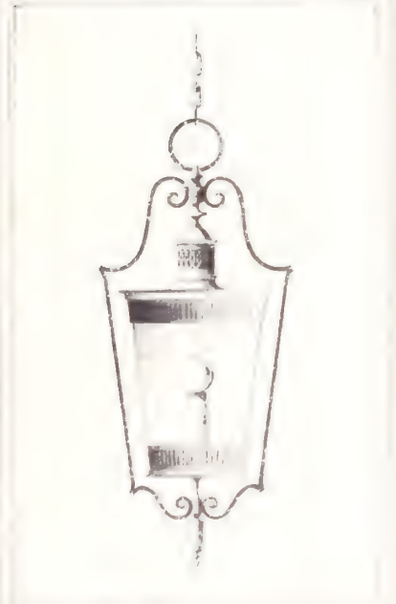


The Molina Table

the pedestal members, the de-

The top is of solid walnut. The entire piece is constructed and finished with the characteristic

the hand craftsmen. It is a most convenient size and of



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New—

and so practical!



Pull knob to lift top

HOW EAGER we all are for something new!—for life-enriching ideas!—fashions!—home decorations!—bits of charm! But most of all, aren't we looking for the thing that will make the home more livable—in the most convenient way? Enter the Jiffy-Dine! It is receiving a hearty welcome from all modern housewives. It is by far the most adaptable library and dining table on the market!



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Substantially constructed, of combination mahogany or walnut, and finished in pleasing designs of the different periods! You simply pull a knob which lifts the table top and permits the leaves to be drawn out from either side without marring; push the knob, and in three simple operations (raising the top—pulling out the leaves—lowering the top), the table is ready to be "spread" for your guests.



Push knob to drop top

Jiffy-Dine adapts itself readily to the furnishings of the downtown apartment, the small house and the breakfast nook or the sun porch in the country house. It will not only appeal to your sense of the artistic, but to your sense of economy, as well. It isn't money so much as just "knowing how" that's put beauty into the home—and the Jiffy-Dine exactly fits!

The coupon, hereunth, will bring a folder of the various styles of Jiffy-Dines

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Gentlemen: I shall appreciate a copy of your folder, illustrating the various styles of the Gregory "Jiffy-Dine."

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A small hall in the new wing is given distinction by a graceful arched doorway and an interesting assortment of French and English furniture

THE HOUSE A FORD BUILT

(*Continued from page 73*)

rusty, the boiler not attached, no running water except in the kitchen, every dish, pot, and pan used and left unwashed by the workmen, bitter cold and not a fireplace in the house, no lamps, a telephone where we were twelfth on the line and could never get the wire, and except for food every source of supply over twelve miles away.

Prepared to build the house were two carpenters, one mason and his helper Tony, one plumber and his assistant, and one painter, with myself as contractor and overseer. Electricity was dispensed with as an unnecessary extravagance. On purchasing a Ford it immediately proved itself the greatest of domestic animals. Together we hauled the kegs of nails, the paint, the cement, the plaster and hair, the tools the workmen had left at home, the workmen themselves, the furniture that was picked up about the country, food and grain and visitors.

We began work by raising the ceiling in the dining room a few inches to show the old hand-hewn beams, and the fireplace was started. I had been able to get a quantity of old brick from around the countryside—pink, uneven, handmade brick that was bought and hauled for ten dollars a thousand. There was so much of it that Mr. Weeks suggested that we veneer the face of the shed up to the gable. This was done by the simple means of holding the brick with big nails driven through the boards into the studding.

The dining room fireplace called for an oven door on the right side about three feet up. The day came when Cooper was within three courses of where the door should be and no door had been found. Feeling the situation was quite desperate I thrust my hands deep into my pockets and wandered into the shed hoping that the two great white oxen which were dragging shovels of mud from the

(*Continued on page* 126)



This livable fireplace group with its comfortable wing chair and built-in bookcase is in the main bedroom. Mrs. Bullitt was the decorator





Typical of Luminier good taste is this Georgian bracket — one of an infinite variety on display at Luminier.

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For the former are a poorly advised speculation that is sure to turn out badly—the latter a gilt-edged investment that for many years to come will pay dividends in beauty and wearing qualities.

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Made in delightful variety, from library and davenport sizes down to the charming consoles, end tables and coffee tables. Modern designs adapted from early English, Italian and Spanish. Hand-rubbed in Mahogany and Walnut finishes—attractive in every sense and harmonizing perfectly with other furnishings.

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The Eden or Paradise

CHOOSING between the soft harvest yellow border of the Eden and the mist blue of the Paradise becomes wholly a matter of personal taste. Both designs have the same wonderful bird and flower groupings. Both are on the graceful Pilgrim shape. Either makes a brilliant table setting to delight you for a lifetime.

This original variation from the conventional, both in shape and in beauty of colorings, has proved one of the most popular things ever done in china-making.

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FRANCE

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To be had from good dealers. If your dealer cannot supply you, write for our booklet, and we will tell you where you can purchase. Not so expensive as its quality might suggest.

THEODORE HAVILAND & CO.
INCORPORATED
NEW YORK

CANADIAN OFFICE: THEODORE HAVILAND & CO. TORONTO





The paneling at one end of the living room came, after much persuasion, from an old house in Deerfield, Mass. The screens are square made of old shutters

THE HOUSE A FORD BUILT

(Continued from page 124)

floor would prove an inspiration. I asked their driver what he thought about oven doors. He was a true stage rustic with every other tooth gone and a very pleasing way of saying, "I swan". This time he swanned he knowed of one. "The folks had tore down a chimney with one of them things in it about three years ago." I thereupon bade him leave his oxen knee deep in mire and guide the way to the farm. Its genial owners took us at once to the garret, a big room piled waist high with the junk of a hundred and fifty years; not a nail or an old door knob had been thrown away, the true New England farmhouse attic. No one knew whether the door had been saved or not but we were welcome to it if we could find it. The mess was so thorough that after kicking about the rubbish for ten minutes or so I felt it was hopeless and told the rustic so. The mason was getting eighteen dollars a day and coming sixteen miles to work; the idea of his sitting doing nothing while we looked for oven doors was unnerving so I went down and got into the Ford and shouted for the rustic. He lounged into view swinging the door by its handle.

"I knowed about how deep three years dumpin's was buried in them garrets," was all he said.

There was almost no job that the overseer didn't think she knew more about than the man who was doing it. Nails were ruined laying bricks with a close joint, the skin peeled off her hands rubbing down the knife-like edges of the dining room fireplace, and making a bulge here and a hollow there; the oxen, beautiful as they were, were ordered to stop digging in the shed. It was pleasant to hear their feet go squish, squoosh, but they made mud as fast as they dug it out.

"Lay the sleepers for the floor", she ordered, "a cellar really is not so essential. And take out also, the lower tier of beams in the big room."

"The house may fall down if you do," said the carpenter.

"Houses," she answered, "practically never do that. And the two-by-fours for the laths will reinforce it."

The uprights were adzed and stained. The old roof was left as it was except for a coat of stain. The walls were done in hand-finished plaster which Cooper put on after a manner of his own. Big wall spaces were filled in with a set of Dutch paintings and covered with tapestries. The floors were laid with plain kiln dried North Carolina Pine, the width of the boards varying from eight to fourteen inches and their edges planed off just enough to prevent the joints from being too close. Stained the color of old walnut and endlessly polished with Butcher's Wax they made a beautiful floor but one which it would be impossible to keep from warping if there were a furnace in the house.

As work went on with a casual disregard of blueprints, Ford and the overseer bounced over the New England roads in search of old doors, paneling corner cupboards and windows with six-by-eight panes of old hand-rolled glass that was full of bubbles and decidedly difficult and greenish to see through. She had been told that the country people would sell nothing, but she needed these things badly. Her appetite for corner-cupboards was particularly ferocious so she set out undiscouraged by reports of the independence of the settlers.

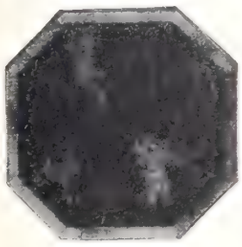
As for the windows, my land! what could anyone want with them things! They were the worst chore to clean, so by putting in new ones in exchange for the old the harmony of the countryside was increased rather than diminished by her depredations.

The paneling was harder to obtain and the method of approach had to be less direct. The overseer did not go into a farmhouse and crudely ask if they had anything to sell. She stopped and asked if she could not water the Ford which always boiled obligingly. She then admired the crops and the geraniums and the children and asked

(Continued on page 130)

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IT is fortunate that oak floors are not a hi priced luxury, but economy is the least i portant feature in the use of this everlasti wood. It was not economy or durability that l the French nobility to select oak. Neither w it a factor with our colonial forebears. Oak w chosen for flooring because in no other way co a scheme of decoration be successfully and wor ily employed that would harmonize with t exquisite taste displayed in the appointments their chambers.

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A VELOURS *de* GÊNES

from the princely velvets of the Renaissance

ALL the opulence and splendour of Genoa "the Superb" lives again in this Velours de Gênes. Such were the stately velvets of the Renaissance—that epoch which was in truth a golden age of beauty. Its fabrics were woven inspirations, worthy of comparison with masterpieces in metal from the gifted fingers of Cellini.

In this fabric, floral velvet figures in soft pile stand out sharply against a plain ground with that arresting contrast of texture that made Genoese velvets famous over all the XVI Century world. The lavish splendour of that full-blooded age shows in the florid but exquisitely symmetrical design, encircled by the feather-like foliage springing up with rhythmic grace from the base of the central motif.

Intentional irregularities of weave have accentuated the feeling of age, and convey the spirit of an antique velvet that might have hung for long centuries in the throne room of prince or pontiff.

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Your own decorator and upholsterer will arrange for you to see them, and attend to the purchase for you.

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This view of the formal gardens and west facade of the home of Judge Morgan J. O'Brien at Southampton, L. I., illustrates one of the main problems in curtaining windows of the modern house (as explained below). (The marriage of Judge O'Brien's son Kenneth to Miss Kathryn Mackay will be recalled as one of the notable events of the past social season.)

When a garden complicates your curtain problem

THE formal gardens of Judge Morgan J. O'Brien's Southampton estate, shown above, indicate the problem to be solved in curtaining the windows of the O'Brien home—or most homes for that matter.

Such a view demands a highly transparent curtain—a curtain which will give the desired privacy to the room with the least possible interference with the view.

Naturally, only a net or lace curtain will serve such a purpose. And the obvious suggestion is the use of a plain Quaker Filet net.

Indeed, such a choice might be called the "safe' course. The plain filet would give the desired privacy without obstructing the view of the delightful garden.

But like most "safe" courses in decoration it has one fault—it lacks that individuality which is, after all, the essence of good decoration.

In selecting Quaker Overtone Net in a burnt orange overtone, Judge O'Brien has obtained the essential transparency and privacy (the distinctive features of all net—or lace—curtainings) plus an expression of personality lacking in a plain fabric.

The illustration on the opposite page gives a fair idea of the happiness of the selection—at least as good an idea as can ever be gotten from an illustration. For the beauty of a curtain is not an obvious beauty; the curtain itself must be seen to be appreciated; in that very fact lies its charm.

One thing more: Quaker curtains are made for every type of house, made in many styles and at the widest range of price, but always in one quality. The name Quaker on a curtain or net is a quality index like the karat mark in solid gold.



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Quaker Overtone Net here solves a typical curtain problem: It affords complete privacy, though it is transparent enough to permit a charming view of the owner's garden; and it has just enough color to diffuse a soft warm light throughout the room.

"Decorators' Methods of Window Curtaining" a booklet by Philip H. Pratt, Head of the Dept. of Design, Pratt Institute, will be mailed to you on request.

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This freezing unit, so cold that it chills all moisture out of the air, creates the—

Zone of Kelvination

Picture a metal freezing unit, thickly coated with white frost, in the ice compartment of your own refrigerator. Imagine this freezing unit nearly twenty degrees colder than ice. It never melts, never gets smaller, never needs renewing. This is Kelvinator Electric Refrigeration.

It works a wonderful transformation in any refrigerator. First of all it makes it colder. Second, it causes all moisture to disappear from the inside of the refrigerator. The air becomes dry;—as crisp and sharp as the air on a frosty morning.

This dry cold is the wonder-working Zone of Kelvination. It has a remarkable effect on foods. It not only keeps them fresh and appetizing for *days*, but actually improves them. It causes green vegetables and salads to "crisp up" in the most tempting manner. It mellows meats, giving them a tenderness and flavor that is delightful.

In the frost-covered freezing unit there are trays where crystal-clear or brightly colored cubes of ice can be frozen for table use. The same trays can be used for freezing sherbets, ices and new and delightful frozen salads.

Kelvinator relieves the user of the annoyance of ice delivery and the inconvenience of caring for an ice box. With all these advantages it is an actual economy.

The Kelvinet, combining Kelvinator and refrigerator all in one, will interest those living in small homes and apartments. It is priced at $250, installed, F. O. B. Detroit.

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IT certainly should be. French Doors are notoriously fussy about their hardware—in fact, nearly all doors are.

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Both in service and sightliness Corbin Hardware seems to sense one's slightest whim. Graciously, Corbin Hinges swing doors open for the breeze—Corbin Door Checks close them tightly against storm—Corbin locks secure them firmly against intrusion.

Good Hardware does these things wherever used. Capable in office buildings, beautiful and useful in homes, impressive in public buildings and hotels, serviceable in factory, school and store, Good Hardware—Corbin—belongs on good buildings and is found on thousands of them. It is a joy to live with.

A word from our free booklet entitled booklets "Hardware for French Doors" and "Good Buildings Deserve Good Hardware"

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In candles, as in other home decorations, fads and fancies may have their day. But the one candle style which remains steadfast in its appeal is the Hand Dipped.

Not only because it reflects the interesting candle-making methods of earlier days. Nor because it has carried the thread of many a quaint tradition and delightful romance down through the years. But because its features—artistic shape, simple dignity, beautiful hand-wrought appearance and general appropriateness—have no equal.

There should be hand dipped candles in every home. But, one thing is important—*Quality*. It can easily be misjudged. Choose Atlantic Candles—they are distinctly labeled. Then there'll be no question.

Rare skill and the finest of materials enter into the making of Atlantic Hand Dipped Candles. They are painstakingly built up, layer upon layer, around a self-consuming wick, and represent as many as twenty-eight separate dippings. That's why these candles burn so evenly—without drip, flicker, smoke or odor.

"CANDLE GLOW." A postal to us will bring you this [illegible] Atlantic Candle, its candle styles and uses.

THE ATLANTIC REFINING COMPANY, Philadelphia

ATLANTIC CANDLES

THE HOUSE A FORD BUILT

(Continued from page 126)

when the youngest had had the whooping-cough. Then she was invited to come in and set a spell.

"That is lovely paneling," she said.

"That!" they exclaimed scornfully. "We'd rather have paper, it's less old fashioned."

"I will plaster and paper the walls for you if you will let me have it, and bring a carpenter to take it out." This with not too much eagerness.

"Well now, I'd have to ask John. The house belonged to his great grandfather. John ain't here, but if you come back another day", etc.

Coming back another day she would find that John had consented. And so it was possible to pick up woodwork and cupboards and old pine doors with their strap hinges and quaint latches, and a set of sliding shutters that completely paneled a bedroom. In each case, new doors and windows were given in exchange for old, but it was conversation and not dollars that softened the heart of the New England farmer. Two years of conversation were required to buy the paneling for the end of the living room. It came from Deerfield and the man who owned it would not sell it because he enjoyed having people want it. He used the old house as a tobacco barn and he liked to see people squirm when he drove nails into the woodwork. When scraped and oiled it was found to be golden pumpkin pine which even Mr. Sleeper eyed covetously as it is very difficult to find.

As for corner cupboards they were a great trial. Those which were unpainted the overseer felt called upon to paint and those which were covered with generations of lead and oil she nearly asphyxiated herself by attacking with paint remover, or burned her hands and nails by smearing with potash. The week-end guest was made to suffer. Many a man earned his board those first two summers with sandpaper and lye.

Slowly the place became habitable. Although the carpenters used to go somewhere else and the plumber failed to appear and the paperhanger said he must wait for the painter and the painter for the plasterer and the plasterer for the carpenter and the carpenter for the plumber, somehow the house pulled itself together, while the Ford and the overseer worked thirty-six hours a day seeing that the supply was equal to the demand.

The road which ran past the front door was moved over the drop of the hill. A stone-walled terrace was built the length of house and reconstructed shed so that the buildings no longer sat up in the air. Quantities of Phlox, and Larkspur and Lupin and Hollyhocks were planted, all of which grew immoderately high, and flagstone paths were laid around the house. Wild Cucumber vines scrambled rapidly over the clap boards and jumps were built in the front meadow for the horses. The curtains were hung and pieces of furniture which were needed desperately either were found or became less necessary. But even so the house will never be done. There is always one room which is unsuccessful or an addition to be built. If a retired bank president or railroad magnate wishes to remain as busy and harassed as he has been in the past, let him build a country house and manage a farm.

INSULATING THE HOUSE

(Continued from page 80)

Another most valuable type of insulation is cork board. It is of ground cork, compressed and baked in metal moulds. It is moisture resisting. It comes in boards 12 or 32-36 inches long and from one to three inches thick.

Although it is very good as a sound deadener, it is not quite as good as one or two others. It is not congenial to vermin and it has structural strength.

Cork board can be nailed in frame construction and against hollow tile, brick and concrete walls. It is correctly applied with a backing of Portland cement mortar. Plaster can be applied directly to the face of corkboard, without the use of lathe.

Certain types of cork insulation are claimed to be equal to about 15 inches of brick, 8½ inches of hollow tile and 2½ inches of lumber.

Insulation should be used for the dwellings and besides for all housing purposes: for housing your ice in ice houses and saving wastage; for housing your poultry and cows and preventing heat's escape and moisture creeping in to destroy. It can be used to isolate rooms as far as noise is concerned and thus save mental effort.

It is well in all insulating to insulate the roof twice as thickly as the walls. For heat rises and in the winter you will keep the heat in with ample roof insulation. In the summer with double roof insulation you get a cool dry top floor and a cool, dry attic and do not have to waste these pleasant places.

Any good insulation will pay for itself in fuel alone in two or four years, to say nothing of the saving in building material.

All insulation must fulfill the following requirements:

1. Maximum resistance to heat flow.
2. Absolutely sanitary, vermin and mould proof..
3. Permanent (To outlive the house).
4. Displace the minimum space.
5. Structural strength enough for the purpose, with ease of application.
6. Fire retardent.
7. Reasonable cost.
8. Non-odorous.
9. Moisture proof.

So:

Invest in insulation and not in extra heating plants, excess wood and stone for partitions, which are always more costly and not as potent in insulating value.

These insulation values are no vain theory, for insulation is a saving grace and a graceful saver.



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Made in one piece from Imported Oriental wool

BENGAL-ORIENTAL RUGS

If You Do Want an Oriental Rug

Why Do You Want It.

BECAUSE of its beauty—undoubtedly. If you haven't one or many isn't it because of price? This is where we step in, for Bengal-Oriental rugs have all of this Oriental beauty—no other rug is like them in any way. Of course, they are all in one piece, no matter what the size. As a substitute for Persian rugs or companionable rugs for Orientals they stand pre-eminently alone and—like good friends—they wear well

Price for 9x12 size does not exceed $375 in any part of the United States

JAMES M. SHOEMAKER CO., INC.
119 WEST 40TH STREET, NEW YORK

A Consulting Decorative Service Without Charge

Mail the coupon with full details and we will send you color plates and information as to sizes and prices.

Please send me color plates of rugs for
☐ Living room, size..... ☐ Dining room, size.....
☐ Bed room, size..... ☐ Hall, size.....
Also send me *"Backgrounds of Oriental Beauty"* by Alice Van Leer Carrick.
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The [illegible] for [illegible] is [illegible] Design [illegible]
[illegible] Chintz [illegible]
[illegible] $2.50

New Spring Fabrics

That Reveal The Tendency For Colorful Contrast

CHEERFUL coloring in home decorations for Spring and Summer—striking combinations of Orange, Blue, Rose, Henna, Green, used lavishly for curtains, draperies, covers! Exquisite figured and flowered patterns; charming conventional designs.

McGibbon is featuring a wealth of lovely new fabrics—soft Glazed Chintz, Sunfast Orinoka, beautiful Cretonne——in the demanded combinations of color which necessitate expert knowledge of their use for the effective maintenance of color harmony in the home.

McGibbon specialists in Interior Decorations will be glad to suggest colors and motives that will be most adaptable to your particular color scheme.

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Send for our new illustrated catalogue No. 63

McGibbon & Co

3 West 37th Street - New York

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R. [illegible]
[illegible], Brookville, N. Y.

Jos. H. Cudd, Architect,
New York City

Is Your House Filled With Warm Fresh Air?

Do you get the full enjoyment out of the long evenings at home? Ever feel "stuffy" and drowsy, nose and throat dry, just the suspicion of a headache coming on?

Naturally you do, unless your heating system provides for ventilation and the proper moisture, as well as warmth. The Kelsey Warm Air Generator sends fresh, warm, *moist* air, rapidly through every room in your house. This means vigor and alertness all the time instead of that "Well I guess I'd better go to bed" feeling.

Kelsey Health Heat is the choice of leading architects for church, school, or home. It should be your choice for your home, for it's an investment in health for the whole family.

The Kelsey Mechanical Heating and Ventilating Booklet will bring you some facts about healthful heating for church and school, or our Achievement Booklet will tell you about heating your home. We will gladly send them to you.



[illegible] Kelsey Warm Air Generator in the Residence of R. [illegible]

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BROCKVILLE, ONT., CANADA—Canada Foundries & Forgings, Ltd.

KELSEY HEALTH HEAT



© Asahel Curtis

Mountain Phlox, Phlox diffusa, in lavender, pink and mauve, growing along a mountain-side

FLORAL TREASURES OF OUR WE

(*Continued from page 67*)

put us horticulturally behind all the civilized nations of the earth, it is the newly lighted beacon enabling us dimly to see that within our own borders we possess one of the most beautiful and diverse Floras of the world. This does not make up for what we have lost but it prevents our being wholly downcast.

I do not say that it is yet an easy matter to come by a large and comprehensive collection of native rock plants and alpines. There has been far too little call for them to permit the men and women who are pioneering in this great enterprise, to devote their entire time to this one branch and make any profit at all. But it is to be hoped that as we awake to the treasure in our midst, greater and greater support will be given to those who are so willingly doing this great service to the American gardening public.

Meanwhile there is the fun of the chase. The following up of every clue; the feeling about the trying to get in touch with some one in a likely neighborhood who may be induced to send some desired plant or, mayhap, a whole box full of enchanting [illegible]knowns, in exchange for bits of [illegible]choice Irises or Delphiniums; the [illegible]ing your wants known in the pag[illegible] the horticultural publications, [illegible]thus getting into correspondence [illegible]strangers in all parts of the [illegible]who, after a letter or two, cease [illegible]strangers and are your friends– [illegible]friends, though you may never [illegible]

A new Mexican correspondent w[illegible] that he has within collecting dis[illegible] of his home plants of the deser[illegible] the high mountains, and many of [illegible]tic origin. These we may have. [illegible] within our reach today are spark[illegible] small things from the prairies [illegible] deserts; the choicest of true alpi[illegible] many of these the same that grac[illegible] alpine regions of Europe; thous[illegible] of beautiful subalpine and hill pl[illegible] delectable trinkets from woods [illegible] prairies, plains and bogs, of north[illegible] south, east and west and all the [illegible] between. As yet only the surfac[illegible] the vast possibilities has been scrat[illegible] It seems to me that this knowl[illegible] must be to all gardeners everyw[illegible]

(*Continued on page 134*)



Healy

A copper and blue color scheme of Western alpines is found in this corner of Mrs. Wilder's garden—the copper of the prostrate Malvastrum coccineum or Flame Mallow, with blue Penstemons behind

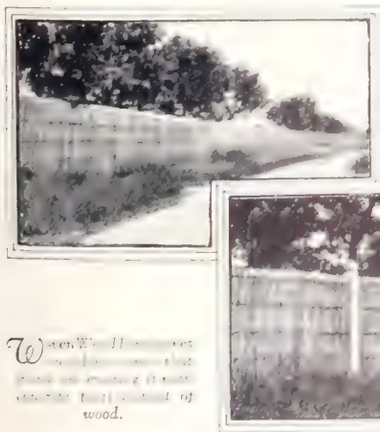


Gives privacy and protection; adds a touch of beauty!

Woven Wood Fence is economical for enclosing large or small areas. Shuts out poachers and gaze of curious. Ideal for screening service yards, garages, etc. Provides background for plants; protects gardens in summer, rhododendrons in winter.

Made in France of live chestnut saplings, firmly woven together with wire and re-inforced on the back with wood strips. Requires no skilled labor to erect; no painting. In two heights, 4 ft. 11 in. and 6 ft. 6 in. in sections 5 ft. long. Immediate shipment. Write for catalog.

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Positive operation, boundless satisfaction and lifetime service constitute the distinctive difference between garage doors fitted with out-of-date hinge hardware and those equipped with—

Slidetite Garage Door Hardware

Garage doors equipped with *Slidetite* slide inside, away from snow and ice, and fold flat against the wall. Thus a wide unobstructed opening is assured. Inconvenience, danger and damage are done away with, as *Slidetite* equipped doors can't blow shut. When closed they fit snug and weather-tight. *Slidetite* doors move so smoothly on their overhead track that a child can operate them.

There is the same distinctive difference in all doors equipped with R-W Door Hangers, whether they be on garages, on barns, on elevators, on factories or in the home. The proved superiority of R-W Door Hangers is responsible for their almost universal acceptance as the standard of quality, service and satisfaction.

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You Can Cook with the Gas Turned off!



WHEN your cooking is completed in the patented Chambers Thermodome and Insulated Oven with the gas turned off, you enjoy more than a big saving on gas bills. Your afternoons are free from kitchen drudgery. Your food is cooked most deliciously. Your meals keep hot for serving until you choose to return to a kitchen that is cool and pleasant. Because of economy in the use of gas, you may find, as many women have done, that you can profitably replace your present equipment with one of the beautiful Chambers models.

Write today for free booklet: "Cook with the Gas Turned Off!"

CHAMBERS MFG. COMPANY
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Only 30 Minutes Gas for this Full Meal

Vegetable Soup — Baked Ham
Peas and Carrots — Creamed Potatoes
Fruit Salad — Indian Pudding
Coffee



Chambers FIRELESS Gas Range

COOKS WITH THE GAS TURNED OFF !



D. M. Andrews

Dry sandy soil and a sunny situation is required by Oenothera caespitosa, the tufted Evening Primrose of Colorado. Its flowers are white

FLORAL TREASURES OF OUR WE

(Continued from page 132)

an extraordinarily thrilling realization.

There are today numerous gardens, botanical and private, giving much space to trials of American plants, some keeping to the Eastern species largely, others being primarily interested in the lovely alpine and lowland plants of all parts of the west. Eastern botanical gardens particularly engaged with such collections are the Harvard, Bronx Park and Brooklyn Botanical Gardens; and private gardeners especially interested in collecting western plants are: Mr. Clarence Lown, Mr. Cleveland Morgan, Mrs. C. S. Houghton, Mr. Julien Hinckley, Mr. Herbert Durand, Mrs. Gardner Cornett, Mr. Hodenpyl, Dr. Edgar T. Wherry and many others.

The extensive experiments carried out by all these enthusiasts have given us the assurance that the choice plants of our mountains and deserts, plains and woods are not only worth growing for the sake of their own beauty, but are quite possible to grow, some with no more preparation than any easy garden plant, but others requiring the same care and consideration vouchsafed the choice plants that come to us from overseas. The great difficulty we experience is in finding out under what conditions these plants thrive in the wild. Dozens of books are written upon the vagaries and necessities of the exotic alpine, but to our own, not one. It is a m... of conning the botanies and illustr... floras of various localities, reading ... few books published on Western W... flowers, asking questions of wh... ever is likely to know somethin... our necessity.

For myself I have found that m... of the Western plants, especially ... of the prairies and of the stony m... tain sides thrive in the general soil ... the rock garden, (given in the ... ruary HOUSE & GARDEN), others ... woodland conditions, or damp ... Some sulk for various reasons ... after a number of trials under di... ing conditions they are appeased; ... then there are those, a distinct mi... ity, however, that have slipped ... into their great beyond despite ... quite agonized pleadings that they ... just long enough to give us a ... trial. But whatever has been the ... in thought and labor, each little ... erner who has settled down an ... my rocks, contentment in every ... of its compact circumference, ... given a smile of assurance in the ... spring when I am tipping about ... ing casualties, has wiped the slate ... of all obligation on either side. T... is something about these small ... erners that takes us in a tender p...

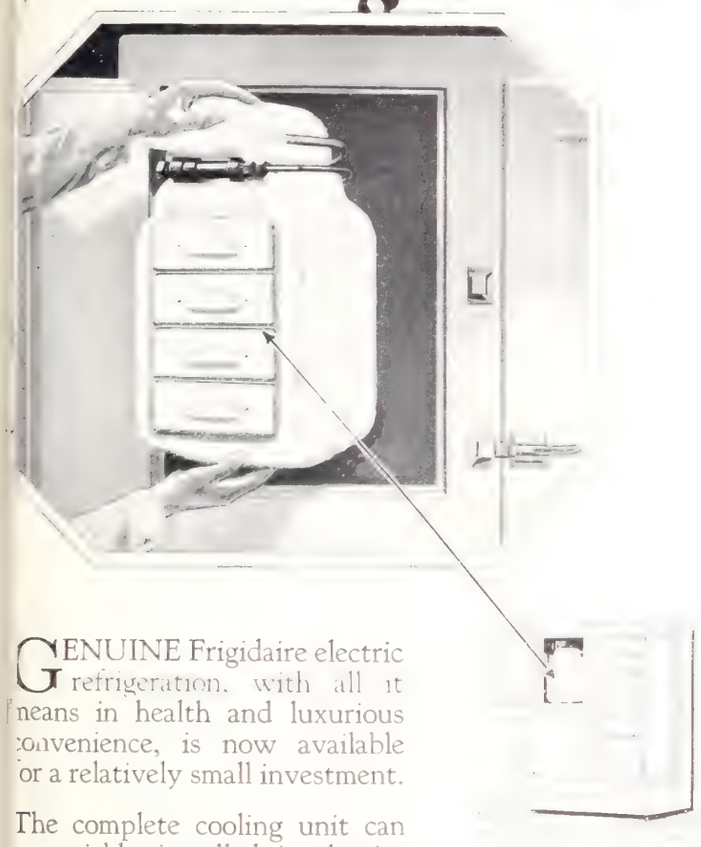
(Continued on page 138)



Anibel Cunis

Fringed Gentian of the Northwest, Gentiana calycosa, as growing wild. It can be tamed for the rock garden, requiring a neutral soil

Make your Ice Box a Frigidaire



GENUINE Frigidaire electric refrigeration, with all it means in health and luxurious convenience, is now available for a relatively small investment.

The complete cooling unit can be quickly installed in the ice compartment, and your refrigerator instantly becomes—a Frigidaire,

—maintaining a dry, germless, even cold.

—keeping food fresh and good.

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—making new and delicious desserts.

—saving the possible annoyance and uncertainty of an outside ice supply and proving a source of satisfaction appreciated only by Frigidaire owners.

The local Frigidaire distributor or dealer will tell you which of several models will best suit your needs—or write today for catalog and full information.

DELCO-LIGHT COMPANY
Subsidiary of General Motors Corporation
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How Your Ice Box Is Quickly Converted Into a Frigidaire

1 [illegible] shown above.

2 [illegible] in the basement or other [illegible]

3 [illegible] tubes, and a connection [illegible]

[illegible] ator becomes cold and stays cold.

PRODUCT OF GENERAL MOTORS

Frigidaire
ELECTRIC REFRIGERATION

The WHITE HOUSE Line

TRADE NAME

SECTIONAL UNIT STEEL DRESSERS



efficient, durable, sanitary

THE Home Builder is ever seeking quality and durability. Be assured of both in your kitchen and pantry by using WHITE HOUSE Units, which have beauty distinctly their own, that sets them apart from all other steel construction.

The combination pictured consists of our No. 50 Dresser, 26 in. Side Unit and 26 in. Broom Closet, filling a space of 8 ft. 6 in. Many other combinations may be made from our standard units. All in shining white enamel finish.

Booklet sent on request, or we would be glad to make suggestions for the use of WHITE HOUSE Units if you will send us your plans for sketch and estimate. If convenient, a visit to our showroom at the address given below will give you many new ideas.

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NOT the dining room, not the living room—but the bathroom. It is here that the children learn that cleanliness is truly next to godliness. It is here that the women of the family attain the daintiness which is womanhood's greatest charm. It is here that men preserve the cleanliness of body which is essential to health and self-respect.

Tepeco All-Clay Plumbing Fixtures are fitting accessories for the bathrooms of the most pretentious homes. There is a permanence of beauty in Tepeco's stainless snowy finish. In elegance of design and mechanical excellence, Tepeco is not to be surpassed. Yet a wide range of prices puts Tepeco within the means of the owner of the modest dwelling.

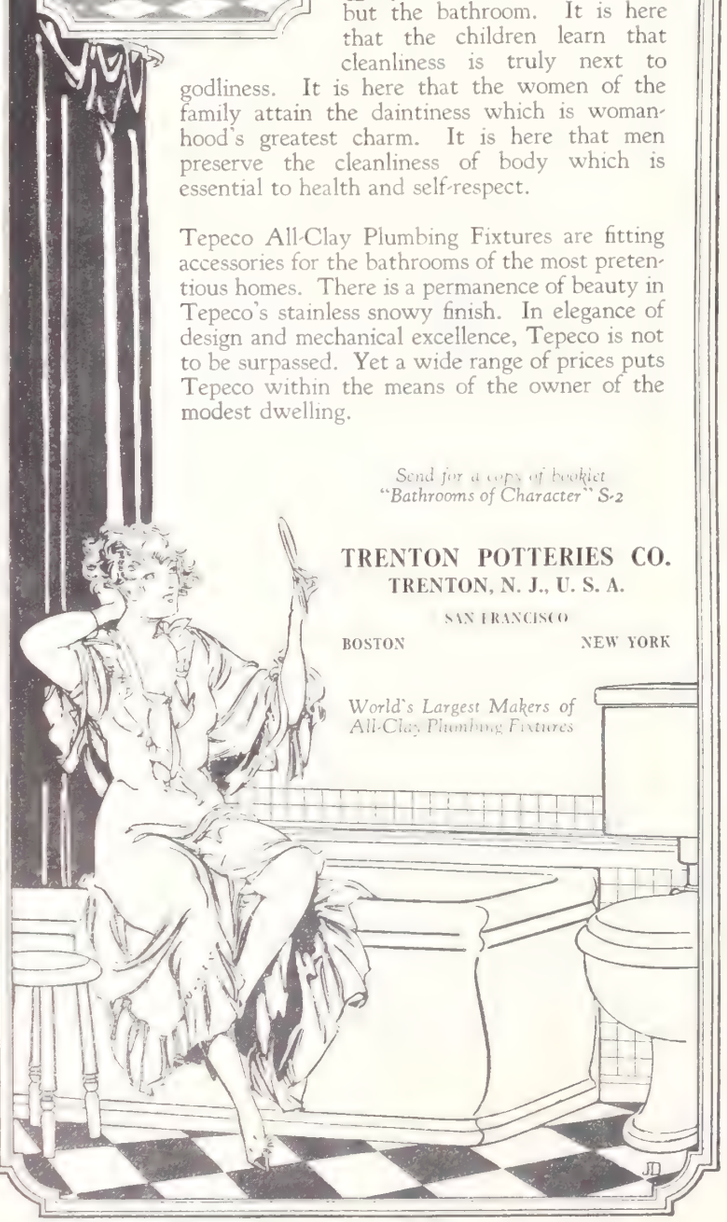
Send for a copy of booklet "Bathrooms of Character" S-2

TRENTON POTTERIES CO.
TRENTON, N. J., U. S. A.

SAN FRANCISCO

BOSTON NEW YORK

World's Largest Makers of All-Clay Plumbing Fixtures





SOUND WESTERN RED CEDAR LOG 2000 YEARS PRONE ON DAMP GROUND!

Two Thousand Years in Damp Soil!

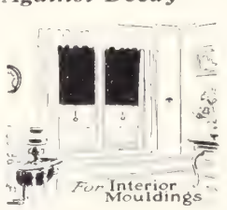
Here is a Western Red Cedar log lying in damp soil in a Pacific Northwestern forest. Over it and around it, after it fell, other Western Red Cedars took root and grew. The stumps of these are seen in the picture. The age of the largest of them was at least 2,000 years, thus determining that the fallen log had lain prone for that length of time.

Yet, examination proved, much of its wood still was sound. The fallen log measured 10½ feet in diameter at the butt and its age was estimated at well over 4,000 years.

Western Red Cedar

"The Wood that Nature Armed Against Decay"





It is its extraordinary resistance to rot and decay that renders Western Red Cedar so desirable for home building. Its use assures two main considerations—*permanence* and *beauty*.

Western Red Cedar Siding, silky-smooth, clear and easily worked, takes paint or stain exceptionally well and has the important quality, also, of "staying put". For sidewalls and exterior trim and for many other incidental home uses, it has no superior.

Should you not have full details about the advantages of this great wood? Reliable information will be sent you without obligation if you mail the coupon.

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McKINNEY HINGES

McKinney Hinges *harmonize* with other builders' hardware including the nationally advertised products of
CORBIN
RUSSELL & ERWIN
SARGENT
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Think of the work hinges must do

Good hinges must play a dual part. They must perform real hard work without a whimper—swinging doors back and forth day-in and day-out; year-in and year-out. And all the while they must present the appearance of a fine ornament despite hard work. McKinney Hinges meet these requirements in full. Every one is made to outlive the door it swings.

In building a home you can least afford haphazard hardware. An early selection avoids a shortage in your building fund.

When you visit your builder's hardware man, you will find it customary to decide first upon your locks. When this is done give careful attention to hinges. See to it that *your* hinges are McKinney's. And you will not fail to do this if you think of the work hinges must do.

You can obtain McKinney Hinge quality in sundry hardware articles, including complete hardware for garage doors.

A Gift for Those About to Build



A set of these plans. Just write.
McKINNEY MANUFACTURING CO.
PITTSBURGH, PA.

Build for Tomorrow *and use Sargent Hardware*



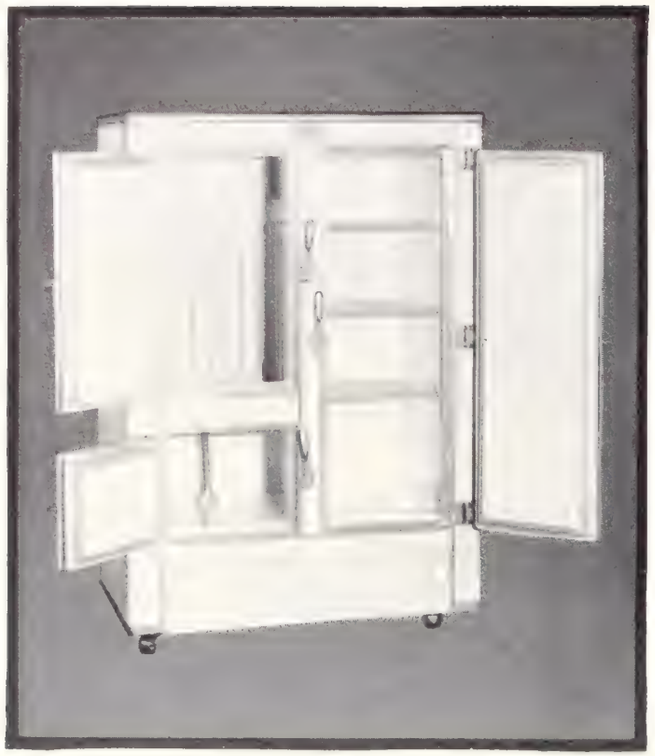
INCORPORATE in your building all those things which stand for satisfaction lasting through the years. Hospitable entrances. Sturdy, well-formed doors. Well-proportioned windows, thoughtfully placed and plentiful to be sure.

And locks and hardware of solid brass or bronze! At the very beginning, provide definitely for hardware which will contribute to your convenience and security as long as the house stands. Handles and knobs that are beautiful, harmonious, faultless in operation. Lock sets that give unfailing protection. Adequate, uncomplaining hinges. These bear the Sargent name.

With your architect choose the Sargent Hardware which is most suitable for your new home. Write for "The Colonial Book." It shows many desirable designs.

SARGENT & COMPANY
Hardware Manufacturers
31 Water Street New Haven, Conn.

SARGENT
Locks & Hardware



*Snowy-white inside and out, and always "winter inside"

To look at this beautiful, dazzling white Gibson is always a source of pleasure. To look *in it* and sense its crisp, cold air is to realize its value.

This wonderful cold air of the Gibson is most exclusive. Warm air on the outside is never permitted to associate with it. The walls are a twelve-fold defense of perfect insulation. The doors lock automatically—air-tight. Should warm air strive to enter through the drain, it is immediately repulsed by the patented, non-clogging, cast aluminum trap. It is this air-tight feature of the Gibson and the inside circulation of air that keep your perishable food fresh *and save ice.*

The snow-white porcelain interior and exterior make it easy to clean always. The corners are rounded. Not a crack or crevice for dirt to hide in. The shelves are of non-rustable metal. These sanitary and immaculate features are permanent.

Install this beautiful all-white porcelain Gibson in your kitchen. Remember it is suitable for mechanical refrigeration. Ask the Gibson dealer in your city to show you the different models.

Gibson Refrigerator Co., Greenville Mich.
Distributors in all principal cities

*Gibson
REFRIGERATOR

Gibson cork-board insulated refrigerators are being extensively used with electrical refrigeration units

FLORAL TREASURES OF OUR WES

(Continued from page 134)

And now to speak specifically of some of this Western treasure. North America has very close to a monopoly on some of the greatest of the flower tribes. All the Phloxes belong to America, I believe; all the Pentstemons save one, the Oenotheras, we share with South America; the Sisyrinchiums, North and South America; the Phacelias, all the Dodecatheons, the Mentzelias, the Townsendias, the Chimaphilas, Calochorti, Erythroniums, save one, and many more. If these names are strange to you remedy the matter at once. It will pay you well. We also have many fine representatives of such great rock garden families as Sedum, Allium, Heuchera, Polemonium, Mertensia, Arnica, Corydalis, Vancouvaria, Silene, Gentian, Primula, Saxafrage, Trillium, Cypripedium, Aquilegia, Viola, Fritillaria, Anemone, Draba, Iris, Dryas, Malvastrum and a thousand more.

Dr. Willard Clute says there are one hundred and fifty species of Pentstemon, all save one Siberian species, belonging to us, and "having its greatest center of distribution in the Rocky Mountain region, the number of species increasing as one goes westward." Nearly all these, he adds, are fit for garden use. That is mild praise. I have come to know about twenty of the species and they have proven to be among the most lovely flowers in my collection. Try *P. coeruleus* with its strong stems hung with large blossoms, at first dawn pink, then gradually, like the sky above, becoming an exquisite blue. Try *P. alpinus* with its short stems weighed down with brilliant sky blue blossoms with white throats. Try *P. acuminatus* with pure mauve hooded flowers, or *P. rupicola,* with short, half prostrate stems, thick leaves and veil of brilliant crimson blossoms. In short try almost any Pentstemon from out the west and you will be delighted.

Throughout the West are a great number of small creeping Phloxes, daintier than any we know in the East, and unbelievably gay and floriferous. On the mid-western prairies are taller forms that also are highly desirable. Violets strew the western mountains and prairies and are quite different and prettier in some cases than our own familiars. Anemones are numerous and rare in beauty. *A. patens nuttalliana,* the western Pasqueflo is settled here on a high sandy plat —my poor reproduction of its nati home—and blooms yearly, sending fluffy leaves into the world soon a the snows.

Dryas octapetala, a high alpine our own as well as of the mount across the water, has made amaz spreads in Mr. Lown's gardens, my own plantings are investing with a very special pride. There lovely soft gray Artimisias from West, and grey velvet Antennaria such delightful bed-spreads for li bulbs. And there are many fascinat Mertensias and Polemoniums.

Among my special delights is a li gray scrambling thing sent me fr the Prairies of North Dakota by of those chance correspondents v has become a friend. This little pl is *Malvastrum coccineum*—I know softer cognomen. It is altogether of the most engaging plants in collection. It occupies the whole o tiny mesa and there turns itself May into a roaring conflagration flame-colored Mallows that is wo coming far to see. In the spring s blue Snow Glories thrust up am its charming gray disorder.

On various precipitous ledges sq little Cacti from the Rockies bl as quaintly as at home; and not from them in sand and sun grows lovely Colorado Sand Lily, white fragrant, known botanically as *L coccinum montanum.* On this s east-facing portion of the rock gar are the flat narrow-leaved rosettes *Townsendia escarpa,* the Spring Da each holding a big pink daisy ti to its heart. Dainty *Viola pedata* is there and *Silene Hookeri* still in sulks but being nursed for its v life.

This is a difficult subject to lea Once engaged upon it its fascinati are irresistible. I could quite ea ride my hobby for many pages but I hope to have inspired ever few of you to go forth and coll the fifty species given below and so prove that I have dealt honestly.

Fifty Dwarf Plants from the Western Plains and Mountains th Should be Given a Place in American Rock Gardens

Artemisia frigida has lovely silvery foliage. It comes from the mountains and plains of the North West and likes a sunny sandy soil.

Aquilegia coerulea, Colorado's State Flower. Fine tone of blue. Wood soil and part sunshine.

Anemone patens, America's Pasque Flower. Great purple flower born early. Soft sand and sun. Plains and hills of N. W.

Asarum Hartwegi, a good ground-cover in damp sandy soil. Leaves streaked a light color. Sun or shade.

Antennaria rosea has grey velvet leaves and a creeping habit that makes it a delightful ground cover for Crocuses. Rocky Mts. Sun.

Corydalis aurea is a gay little biennial for a dry half-shady corner. Flowers yellow and foliage fernlike.

Caltha rotundifolia is from boggy meadows in Colorado. It is the wl Marsh Marigold.

Cypripedium montanum, a brov ish shell-like Lady-slipper. Californ etc. Likes rocky, woodland, conditi

Convolvulus incana spreads over hills and plains of Nebraska, Arkan etc. Velvet foliage and large p vases.

Dodecatheon jaffreyi of the mo tains and valleys of the North W Dart-like flowers in soft colors, da ish situation.

Dryas octopetala has rich evergr foliage and creamy blossoms. Gr very high up in the Rockies. Expo position.

Echinocactus simpsoni is a fat li Cactus growing on the tablelands plains of Colorado. Sun.

Geum triflorum, attractive Avens

(Continued on page 140)



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Albert L. Boelker
Architect

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Gyrafoam Washer
WITH CAST ALUMINUM TUB

FLORAL TREASURES OF OUR WEST

(*Continued from page 138*)

Montana and Dakota. Easily grown in any fair soil.

Geranium richardsoni has large leaves and clusters of white flowers. Good soil. Widely distributed in N. W.

Iris missouriensis grows freely in meadows and along streams of N. W. Blue. Grows well in low part of rock garden.

Iris tenax, British Columbia to Oregon, low attractive Iris which is best transplanted just after flowering.

Lithospermum canescens, widely distributed, bears a racime of bright yellow flowers. Dry soil and sun.

Lewisia rediviva, the Bitterroot of California; rosette of fleshy leaves and brilliant rose blossoms.

Leucocrinum montanum, Sand Lily of Colorado, flower white somewhat like Crocus. Autumn planting recommended.

Mertensia lanceolata grows on dry open slopes of B. C., to Col. N. D. etc. Racemes of bright blue bells.

Mamilaris vivipara, a quaint small Cactus of the plains of Colorado etc. Perfectly hardy.

Malvastrum coccineum, prostrate, flame-colored mallow from hot, dry plains of North Dakota.

Mentzelia decapata, a grey thistle-like plant from Colorado with large white flowers opening towards evening. Dry and sunny.

Oenothera caespitosa is a tufted Evening Primrose. Huge white blossoms. Sandy soil in sun.

Oenothera tetraptera, lovely California Evening Primrose, opening at six o'clock. Blooms all summer; soil as above.

Polemonium melitum, a leafy plant with racemes of tubular white flowers. Colorado mountains and elsewhere. Sun and dry soil.

Phlox multiflora, Mountain Phlox, that sweeps the slopes with color from pale lavender and rose to deeper tones.

Phlox diffusa is one of the softly gay ornaments of Mt. Ranier.

Pentstemon acuminatus. Plains; Wash., Ida., Nev., light soil and sun. Large mauve blossoms and greyish leaves.

Pentstemon alpinus. Mountains Colorado. Exquisite sky-blue flowers, stony soil and sun.

Pentstemon coeruleus (angustifolius), blue funnel-like flowers on stiffly arching stems. Mts. of Colorado.

Silene hookeri, an exquisite pure pink-flowered plant from California for a rocky pocket. The roots ripen off after blossoming.

Synthyris reniformis. Round shining leaves, feathery heads of lavender flowers. Good soil, part shade. Valuable plant. N. W.

Sisyrinchium grandiflorum likes a nook of cool peaty soil. Blooms early in hanging bells of splendid purple. Mts. of N. W.

Townsendia escarpa, from hills and plains of Montana and Dakota. Rosette of green with big pink daisy at heart.

Trillium rivale, a dainty Birthwort from Oregon, with small mauve flowers and stems six inches high.

Trillium sessile, Snow Queen, probably the best of the Trilliums, with large white flowers. Shade.

Trollius abiflorus. Lovely white Buttercup of the North West. Damp situation and sun.

Tiarella unifoliata, very like our own Foamflower, but more closely tufted. Rocky woods of North West.

Sedum divergens, low creeping plant with round leaves strung on reddish stems. West.

Sedum Douglasii, a mossy type very like *Sedum acre.* Rocks, Montana etc.

Sedum origonum, the best of the Western Stonecrops for Eastern gardens. Vivid green.

Sedum Purdyii has densely crowded leaf-rosettes that send out threads at the end of which are tiny plants. Light shade.

Sedum stenopetalum, Rocky Mts. sandy riverbanks or rocky slopes. Tufted growth, cymes of yellow flowers.

Sedum spathulifolium has clumps of spoon-shaped leaves and star-like yellow flowers on red stems. Lovely.

Uvularia perfoliata from the neighborhood of the Ozarks has deeply incised golden petals much like our creamy Bellwort. Part shade.

Viola glabella, a golden Violet from the Rocky Mountains.

Viola pedatafida, akin to our Bird's-foot. Sent me from Montana and Dakota prairies.

Viola rugluosa, widely distributed through Western woods. White blossom purplish on reverse side. Blooms all summer and autumn.

Vancouvaria hexandra from Vancouver, makes a lovely filmy mass of leaves and bears small white flowers. Shade.





Albert Joseph Beaker, Architect

Tudor Stone Roofs

It is difficult to over-estimate the importance of the roof from the standpoint of the architectural unity of a building. One of the most prominent features, it may add much to or detract greatly from the appearance of a residence. In planning a house, therefore, one should give careful consideration to the design and construction of the roof.

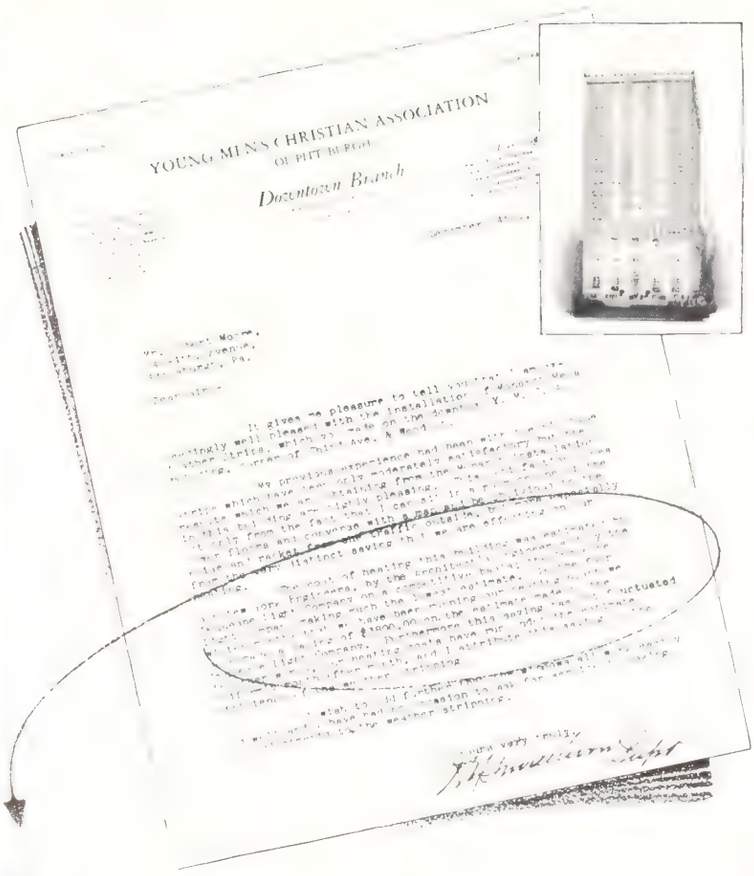
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Steel Casements may now be easily equipped with Win-Dor Operators. Send for circular on all Fenestra Casements. For other makes, specify on steel sash contract to provide necessary attachments.

VEGETABLES TOO SELDOM GROWN

(Continued from page 91)

have been cut back to the ground in the fall.

Two other salads which every home gardener could enjoy, but which most of them don't, are Witloof and Celeriac. Quite aside from the fact that each has a deliciousness all its own, they have this to recommend them—that they will supply you with fresh salad, from your own cellar, through the fall and winter months, after your garden is frozen solid and tucked safely under its coverlet of snow.

Witloof—sometimes called French Endive—is to my personal taste the most delicious of all salads. It combines the best qualities, palately speaking, of both lettuce and endive; the crispness and texture of the former, and the pleasant tang—without the bitterness—of the latter. To grow it, you simply sow the seed in the spring, just as you do that of parsnips or carrots. Some of the catalogs will tell you in rows two feet apart, but fifteen inches will do, and eighteen is ample in the richest soil. I always plant my Parsnips, Salsify and Witloof next to each other, in rows fifteen inches apart, as they all call for just the same treatment until digging time, just before hard freezing. Incidentally, all three crops are so free from insects and diseases that you never have to spray them. There is one worm that occasionally eats some of the Parsnip leaves, but he is a lone worker, and a gorgeously decked-out fellow, who will shove out his yellow horns, like a musketeer drawing his sword, on the slightest provocation. At the end of the season you dig up your roots, which will be two to three inches in diameter and closely resemble a parsnip, cut the leaves back to within an inch or so of the crown, and trim the tips off the roots, leaving them seven or eight inches long.

PACKING THE ROOT

Next, instead of storing these trimmed roots like Parsnips or Carrots, they are planted for winter forcing, as follows. Get some stout packing-cases, 12 to 18 inches deep, and place the roots in these, upright, packed in light soil, which will hold moisture well. A mixture of garden soil and leaf-mold, peat or humus, about half-and half, is ideal. The roots may be packed as close together as they will go, the planting being done most conveniently with the box turned on edge at first, filling the soil in about the roots, and putting three to four inches of soil over the tops when the box is turned upright again. It is best to have a number of small boxes, rather than a few big ones, both for convenience in handling, and because a small quantity at a time may be forced—or rather, allowed to grow, as no real forcing is necessary. You simply put the boxes in the cellar, and after the roots have rested for a few weeks, begin watering, and repeat often enough to keep the soil moist. Six inches or so of spagnum moss, sawdust or leaf mold should be placed on top of the soil after watering begins. (It may be necessary to run an extra strip of light board around the top of the box to hold this.) If some of the boxes can be held in a cold place—say 34 to 40 degrees—, they may be started as wanted from November to February. In six to eight weeks the tops develop sufficiently to cut. They are tightly folded, blanched a very pale yellow, and are the most delicious salad you ever tasted. A grape fruit knife, with curved blade, is convenient to cut the blanched shoots off with; and if the crown of the root is not injured, it will put out new shoots again.

Celeriac, sometimes somewhat slightingly spoken of as turnip-rooted Celery, should be grown in every home garden where Celery is grown. It is much less difficult to grow, because no elaborate blanching is necessary. Otherwise, the culture is just the same as for Celery. The bulbous fleshy roots, stripped of the leaves, are stored in soil or moss like carrots or beets and used as wanted. Thoroughly boiled, it makes a delicious cold salad, and for flavoring in other dishes, soups and so on it has a place all its own, making a most welcome variation to the limited number of early winter vegetables.

THE POPULAR BROCCOLI

And then there's Broccoli, first cousin to the Cauliflower, which Mark Twain designated as "a cabbage with a college education." Broccoli, being much hardier than Cauliflower, may be had both earlier in the spring and later in the fall. For that reason alone it is well worth planting, but in addition to that, it is quite distinct in flavor; in fact, during the last year or so, it has just been discovered by many American garden owners. To be quite in the mode, gardenly speaking, you must have Broccoli. Sutton's in England list many varieties of this vegetable; the varieties most used here are White Cape and St. Valentine.

For spring planting, sow seeds out doors just as soon as the ground can be worked, or better still, buy young potted plants and set them out. For the fall crop, sow seed about June first, thin out the seedlings to three or four inches apart, and then transplant to permanent positions. The culture is the same as required for Cauliflower, that is, the plants like rich soil, plenty of water, and should have the leaves tied up over the heads as soon as the latter form, to keep the "curd" white and tender.

Another delicious but not widely known vegetable is Okra, or Gumbo, the basis of the famous Gumbo soup of the Southern States. Incidentally, it is one of the most ornamental of all the vegetables; a row at the edge of the garden will give much the effect of a hedge of Hibiscus. It's worth growing for its looks alone.

There are, perhaps, a few members of the Cabbage group which might feel slighted were they not included in this select and selected company. First of all, give a thought to Cabbage—you know if you really want the most delicious in that line, you'll get it in your Savoy, or wrinkled-leaved varieties. You will find a new appreciation for Cabbage when you grow

(Continued on page 146)



Redwood entrance — 124 Santa Clara Avenue, San Francisco

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Living Room—San Francisco Club and Country Club, Presidio Heights, San Francisco
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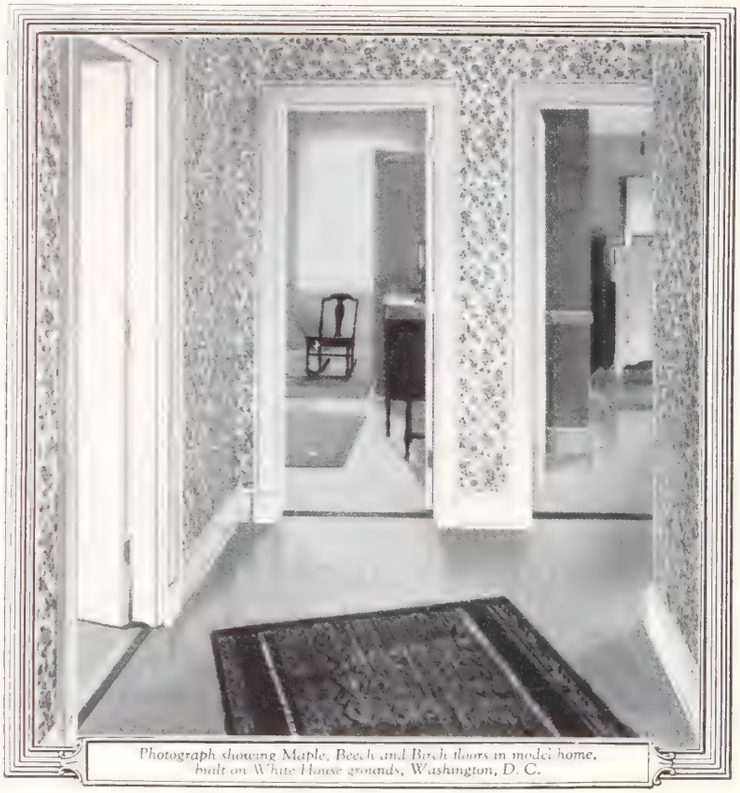
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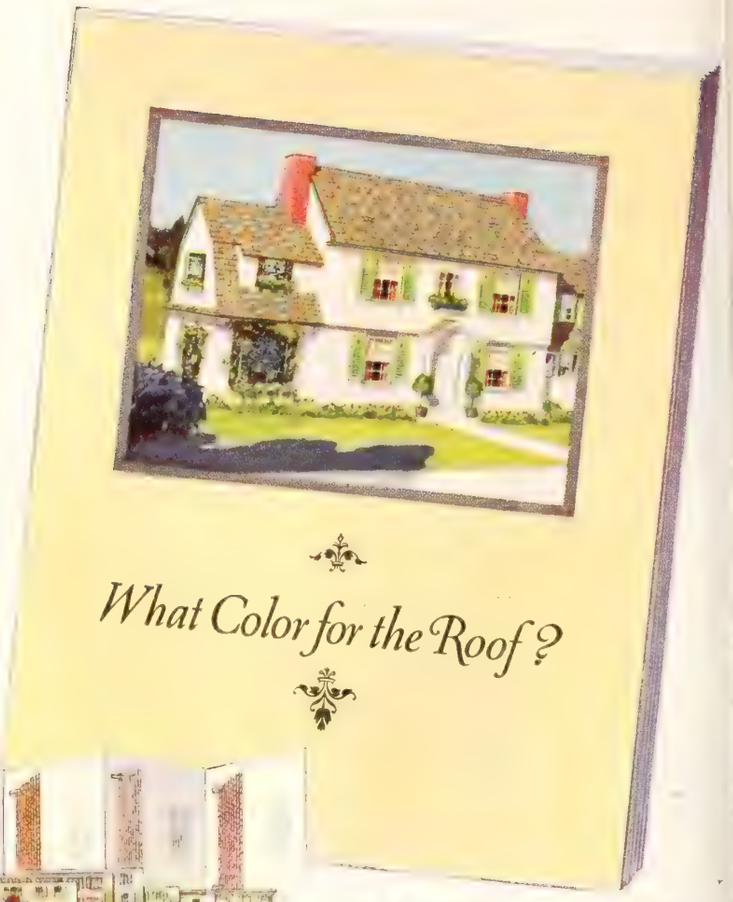
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FOR THE GUMS

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It checks Pyorrhea

VEGETABLES TOO SELDOM GROWN

(Continued from page 142)

this type. And then there is the Brussels Sprout—desirable not only because it is different from any of its Cabbage cousins, but because you can leave it in the garden after everything else is harvested, and gather it from the stalks until Thanksgiving or even Christmas. The only thing hardier is Kale, h- other member of the same fam making not a head, but a quantity fleshy leaves that are used as "gree They may be gathered until well the winter; in the Southern States winter long.

PREPARING TWO VEGETABLES

The best ways to prepare two of these vegetables: Broccoli and Fennell, are given here by Fred Muhlenheim, chef de cuisin of the Lido Venice, New York.

To prepare green vegetables in a palatable fashion so as to keep the flavour of the vegetable intact, requires wide experience and unusual skill on the part of the Chef. Especially is this true in the cooking and preparation of such vegetables as Spinach, Fennell and Broccoli.

In this discussion of green vegetables, I will limit myself to two specimens; the Broccoli and Fennell, both being a specialty of the Italian culinary school.

The first in point of importance is Broccoli, of which there are two kinds. One is the flower of a kind of Cauliflower unmatured and the other is the flower of the Choux-rave. Both specimens are known to the Italians as Broccoli, but in particular the name of Broccoli Romana is used in connection with the Cauliflower plant. The Broccoli Romana is far superior to the Choux-rave and consequently I will only speak of this specimen.

First wash the Broccoli thoroughly in three to four waters, (cold); cut the stalk about 6 inches from the flower; the stalk by itself being an excellent vegetable and cooks tender as asparagus. Put the Broccoli in boiling salted water without adding any kind of soda usually used to retain the verdant color of the vegetable, the salted water having the properties of preserving the natural color. Allow to boil for 5 minutes, then strain and allow to boil again for 20 minutes in a second water with a good amount of kitchen salt. It is necessary to cook the Broccoli in two waters as the smell is very strong and more discernible than in the cooking of Cauliflower. After 20 minutes of boiling the Broccoli is cooked. Strained and put in a cold temperature, the Broccoli can be kept for 2 or 3 days.

There are many ways in which to serve the Broccoli—first, Au Beurre. Brown some butter in a pan and put in it the Broccoli (cooked), stirring gently for 2 or 3 minutes. It is served hot after seasoning with a little pepper and salt. Sometimes a half of a boiled egg is served with it.

Second. In oil with Anchoriesa L'Italienne. This is a very particular dish of Naples. It is made in two ways. First put Broccoli in smoking oil; for two persons chop six filet of anchovies very finely. As soon as the anchovies are placed in the oil, remove the pan from the fire to prevent the anchovies from cooking too long and becoming too strong. The second way is simply to serve filets of anchovies on top of the Broccoli after same is heated in oil. This form, I beli is more classic and palatable.

Third, Au Gratin. Take the coo Broccoli and place in butter for a f minutes. Have some cream and H- landaise ready to mix in with it; t cover over with Parmesan Cheese au gratin, adding a little nutmeg so desired.

Fourth, Broccoli Hollandaise. Ser warm, heated for instance in chicl broth and served with Hollandaise the side.

The Broccoli when cold can be ser as an excellent salad, but dressing m be very simple; oil, vinegar, pep and salt (rich in oil) and on so occasions can be served with sardi

Broccoli are also used in the p paration of Cream of Broccoli a for garnish for any kind of me (white meat preferred).

Fennell

Fennell is strictly an Italian veg table and can be served raw as cel or cooked Au Gratin, a la Moel Bordelaise and a la Creme. In coo ing the Fennell, one must pay mu attention because the flavor is so de cate that if allowed to overcook t vegetable will be without taste. As the case of the Broccoli, two wat are necessary in boiling, not too sal The Fennell is generally cooked between 15 to 20 minutes and aft straining, served in the followi ways:

Au Gratin. Cut the Fennell in tw longwise; have it heated in rich crea stiffened with cheese, sparkled wit Parmesan and made au gratin, season ing with a little salt only.

A la Moelle. Much the same d for a Cardon or Endive. First th Fennell is braised with a good amoun of salt pork and marrow of beef, d glazed with a few drops of gravy an allowed to boil gently in the grav for a few minutes. Large tranches o beef marrow will be served on to and occasionally a crouton au beurre

Bordelaise is prepared as a Moelle, but braise the Fennell with good amount of crushed shallots an a few drops of good white wine. Be fore serving, sparkle the dish wit some fine herbs and serve with crouton au beurre.

A la Creme. Simply heat the Fen nell (already cooked) in some goo cream, add salt and pepper, a littl nutmeg and croutons.

To be cooked perfectly, the Fennel must have a delicate flavor of Anis and in order to secure this result, spe cial care must be given to the season ing and especially with salt and peppe

An excellent cream soup is mad with the Fennell but is generally no mentioned because the taste is very strong in Anise and but few persons ever ask for this soup or potage.



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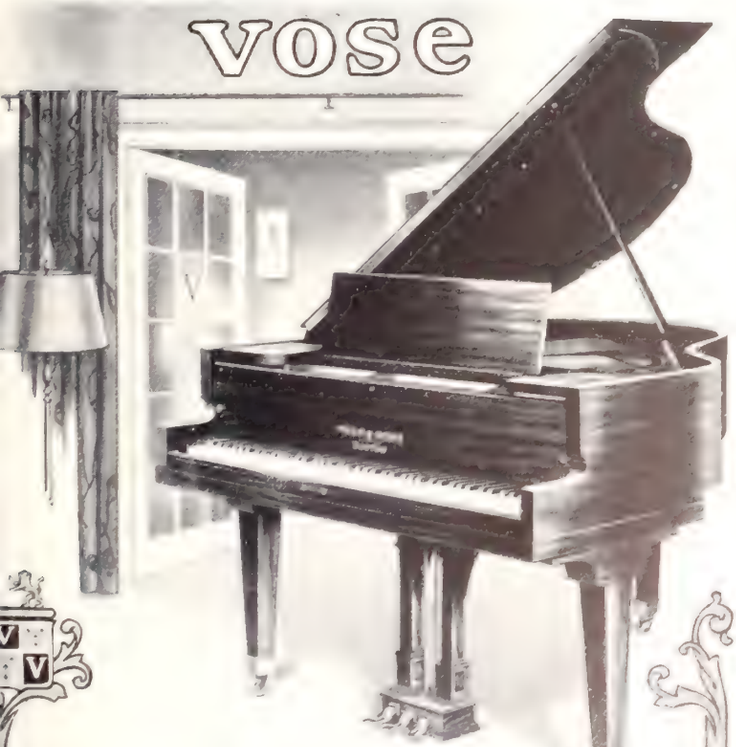
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The picture above shows the livable corner of a hall in an English bungalow. The woodwork has been left its natural color and waxed. The walls are rough cast plaster and the curtains and slip cover gaily colored chintz

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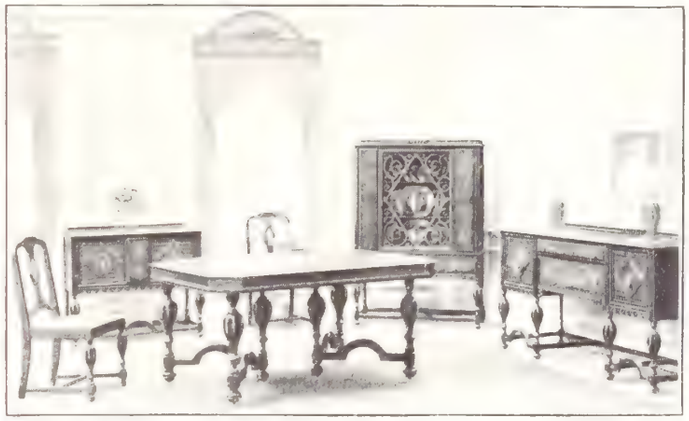
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THE ROOF OF TILE

(Continued from page 85)

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(Continued on page 154)



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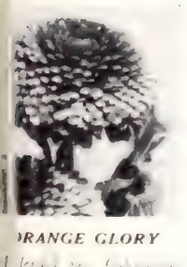
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Schling's Hybrid Senecios. Long, dense sprays of lovely Pompon-Chrysanthemum-like flowers. A gem for cutting. In 5 separate colors	1.00
New Double French Marigold "Moonlight." Pale sulphur-yellow flowers of a perfect shape resembling Pompon Dahlias.	.75
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Dianthus Laciniatus Splendens. A charming new strain of single Pinks. Extremely large flowers, exquisitely marked, with white eye	.50
Oenothera Lararkiana. Remarkable new giant yellow primrose. Opens visibly at dusk. Curiously beautiful	.25
Siberian Wallflower. Clusters of bright orange yellow flowers in masses above glossy foliage	.50
Lavatera Splendens Sunset. Exceedingly rich deep pink Annual Mallow with very large flowers. Must be set with [illegible] stems	.25
Poppy American Legion. Dazzling orange-scarlet Iceland Poppy of enormous size, borne on long stems. Plant in early Spring and [illegible]	.25
	$7.55

OFFER E Sunburst Collection

12 Dahlia-Zinnias in 12 Distinct Colors. True Aristocrats of the Zinnias

Exquisite Lemon Rose.
Crimson Monarch. Best red ornamental size.
Giant Attraction. Bright Red (spectrum red)
Scarlet Flame. Beautiful bright red blended with orange.
Meteor. Glowing deep red (spectrum Red)
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Dream. Deep lavender (Mallow Purple)
Polar Bear. Very large pure white.
Buttercup. Immense rich buttercup yellow.
Golden State. Rich orange yellow (Cadmium)
Canary Bird. Delicate shade of primrose yellow. Very [illegible]

THE COLLECTION 1 Packet each of 12 colors $5.00
Any single packet 50c each

OFFER F

Schling's Perpetual Summer Spinach. Another exclusive novelty, not obtainable elsewhere. A real Spinach that you can cut and recut and it will come and come again. Not a [illegible] Cut it but once a growing [illegible] all other varieties

A BIG 2 OUNCE PACKET FOR $1.00
Will supply your table throughout the summer

OFFER G—*3 Unusual and Delicious Vegetables*

The Delicious Italian Sprouting Broccoli. A [illegible] vegetable for American Gardens, [illegible] Has the combined flavor of Asparagus and Cauliflower	.25
The Succotash Pole Bean. A shell bean [illegible] combined flavor of beans and corn	.25
Easy Growing Asparagus Bean. Cuts [illegible]	.20

THE THREE FOR 60c

OFFER H

VERY SPECIAL. The entire collection of seeds on this page —including over 60 items—total value $36.80 —FOR ONLY **$30.00**

PLEASE USE THIS COUPON

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I enclosed $ . . Please send me Offer A ☐, B ☐, C ☐, D ☐, E ☐, F ☐, G ☐, H ☐ and the Book for Garden Lovers.

Signature . . . . . *Address* . . . . . .



CHAMPION

[illegible]



TOM THUMB

[illegible]



SIBERIAN WALLFLOWER

[illegible] splendid golden note for your [illegible]

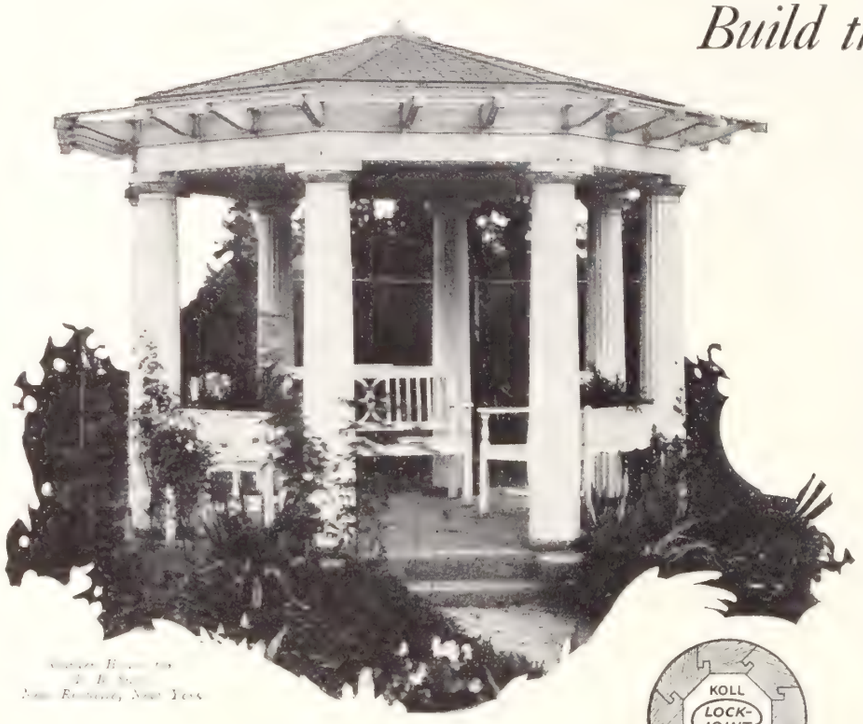


METEOR

[illegible] Flowers often 6 inches in [illegible]

In your Home Garden

Build this bit of Fairyland



An Ideal for Country Club or for Private Home

Gathering twilight, moonlit evenings amid the restful quiet of your garden—how enhanced by this lovely bit of garden architecture! What an alluring charm it adds to your grounds! And how easily acquired!

This Pergola is only one of many interesting items of Hartmann-Sanders garden craftsmanship available for the beautification of your premises. Among them are Shelter Houses, Latticed Fences, Gate Entrances, Rose Arbors, Arches, Trellis—all superfine in quality, with distinctive features like the famous Koll Lock-Joint Column, all architecturally correct and promising you the satisfaction and *saving* which only our years of experience and unequalled facilities can afford.

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Do "flivvering" picnickers despoil your grounds?

After a feast on some isolated corner of your property, do they leave it littered with tin cans, newspapers and broken bottles?

One may rage and threaten—but without effect. There is only one sure way of keeping out picnickers, tramps, gypsies, and other unwelcome visitors—and that's by putting up a good protective fence.

Information on a type of Anchor Fence exactly suited for your requirements will gladly be furnished by the nearest Anchor office or sales agent. Just phone or write.

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ANCHOR
Galvanized after weaving
CHAIN LINK FENCES





PERSONS who look upon home-making as an art often seek wallpaper effects removed from the conventional. Such effects may readily be obtained without sacrifice of taste or beauty. The example given here is one of the most ambitious and pleasing of the newer creations. Modern in every sense of the word, it gives to the dining room the lovely freshness of a hanging garden.

Not only may decorative values far above the ordinary be obtained for every room in the house by the proper utilization of wallpapers, but you will be surprised at the moderate cost of even the finest wallpapers.

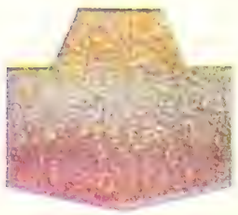
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Send 10 cents in stamps or coin for "Walls and Their Decorations," a comprehensive resume of great historical periods of decoration by Major Arthur de Bles, international authority on decorations.

Any store that displays this sign is an Associate Member of the Wallpaper Guild. There you will find good wallpapers, competent workmanship and fair prices.

WALLPAPER

MANUFACTURERS ASSOCIATION of the United States 41 EIGHTH AVE., N. Y. C.



The new thatched pattern makes a charming roof

PRESTON Hexo-Diamond Shingles when laid with the points down produce a thatched effect. This pattern in the heavier weights is unusually attractive—especially in the Sunset shade. Your house will seem to have been transported from the lovely countryside of England.

Preston Hexo-Diamond Shingles make your home distinctive by their soft mellow colors which are the natural tints of the slate and stone particles with which they are surfaced. Preston Shingles protect your house because of their superior wearing qualities.

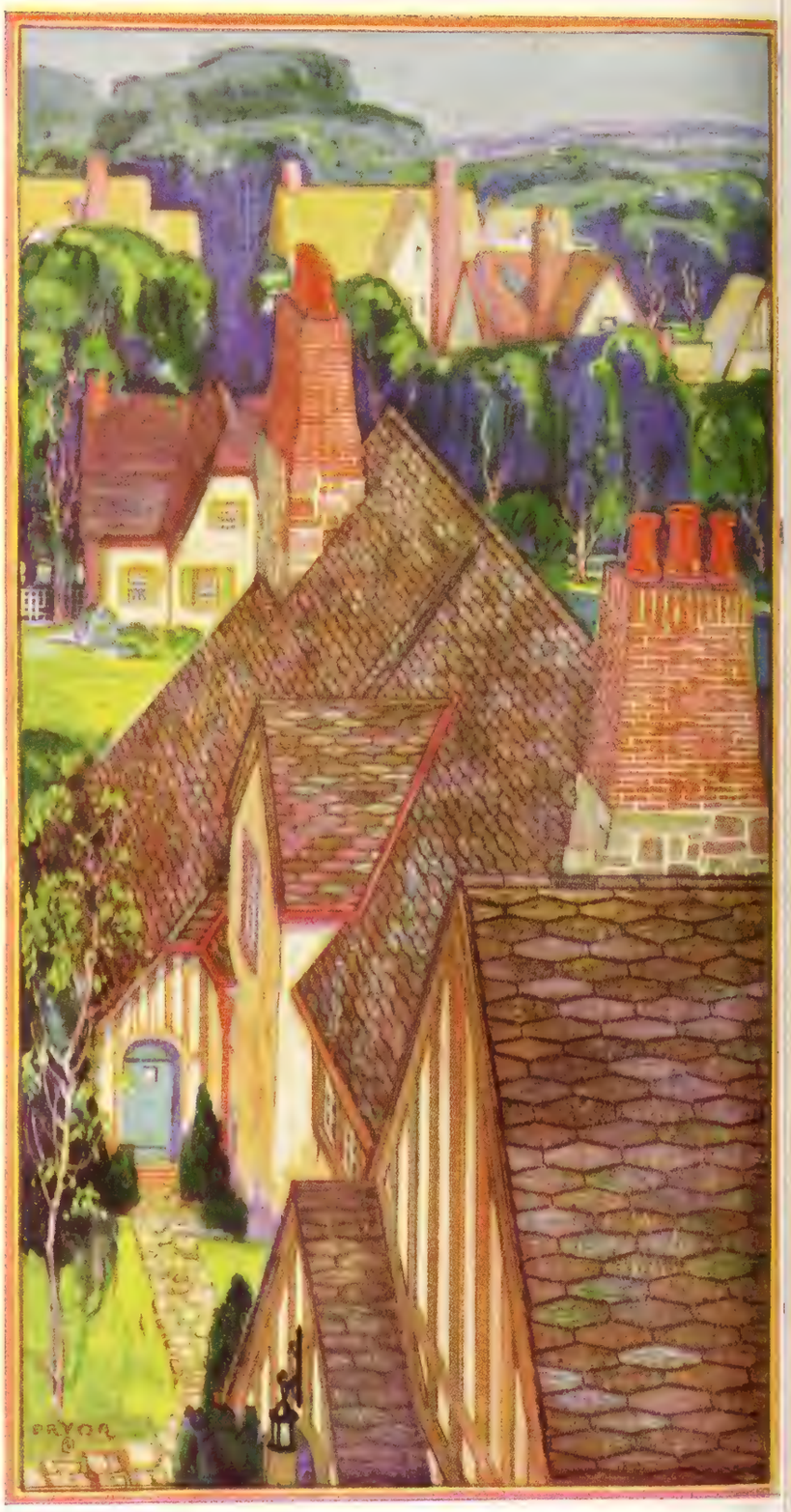
Preston Hexo-Diamond Shingles are made in three weights, Standard, Extra Heavy and Massive, and besides the gorgeous Sunset shade in three other colors: Green, Blue-Black and Red.

The "Massive" weight is much thicker than any other slate surfaced asphalt shingle on the market, and approximately one-third thicker than a Standard No. 1 slate shingle.

We shall be glad to give you the name of a dealer or contractor who can supply you with Preston Shingles.

KEYSTONE ROOFING MANUFACTURING COMPANY

Dept. B1. York, Pennsylvania





MICROSCOPIC ENLARGEMENT

THE wearing qualities of Preston Shingles depend not only on the quality but on the quantity of asphalt which each shingle contains. If you examine the edge of a Preston Shingle, you will notice that it is practically a solid body of asphalt. This feature of Preston Shingles accounts for their remarkable wearing qualities.

Preston ROOFING

The Head That Is Known By Its Hat



CLEVER heads don't always wear clever hats—would that they did! But the cleverest of them do. The new little tight hats, not too high, not quite so unmercifully plain as the hats of the winter.

A bit of low-placed trimming—grosgrain ribbon, cocardes of feather or badger, a brush of crosse, a small bunch of flowers to match a pastel felt. . . . The variations are infinite, but the result is the same. Spring hats for everybody . . . except the woman who doesn't know a hat when she sees one.

Later will come the large hats. What will they be? Who will wear them? When? How? And with what? . . . Vogue knows.

The wrong hat spoils the season—snubs Destiny—turns Opportunity into a permanent knocker. The right hat starts you on the road toward today's priceless asset—better than beauty—better than money—the thing that beauty can't always attain, and money alone can never buy . . . *chic!*

A year of Vogue is an education in how to meet the right hat and live up to it ever afterward, from the top of your shingle to the toe of your pump. The way to meet Vogue itself, and have it always at your elbow when the crises arrive, is to sign the coupon. Two minutes—seven dollars—forty-eight issues—and the rest of your life to be glad in because you obeyed that impulse!

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Vogue will save you money on every one of its numbers—perhaps many times the subscription price. Not the kind of saving that means doing without things you like, but the kind that eliminates buying mistakes. They're the biggest extravagance—aren't they? And they don't bring you a second's pleasure—do they? So—this year economize—and enjoy it.

Sign---tear off---and mail the coupon now

Bought singly, at 35 cents a copy, these 48 issues would cost you $16.80. Through this special offer you get them for $7. A saving of $9.80 or 21c a copy

Vogue, Greenwich, Conn.

[illegible] herewith find $7.00, for which enter my order for TWO YEARS (48 issues) of Vogue. (OR)
[illegible] herewith find $3.50 for ONE YEAR (24 issues) of Vogue.

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IMPORTANT

WHATEVER you do or don't do, be sure to send for our new catalog. It's a regular Treasure Trove in itself.

If you miss sending for it, you will all Summer have a regrettable feeling that you have missed something.

And you surely will have. A mere postal brings you the catalog.

$1

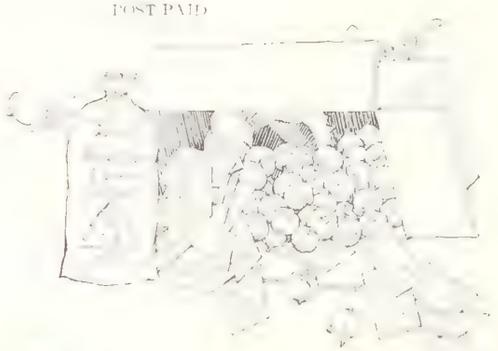
For $1 (if you use the coupon) we will send you, postpaid, this wonder worker Shaker Shaker, filled with enough to sow 100 sq. ft. of lawn. It sows your lawns and distributes your fertilizer.
Anybody can use it.
Lasts a lifetime.

The SECRET of Shirley Ann's Garden

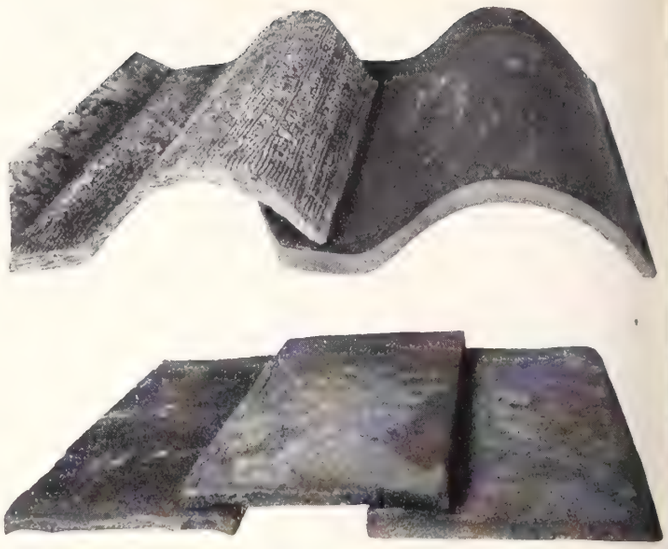
SHIRLEY ANN told it to us, and we are telling it to you. Telling it not in words, but in the things themselves that have so long made her garden the envy and despair of her neighbors, and friends. We are telling you her secret in at least 33 of Shirley Ann's own treasures, as she calls them. Treasures which she has selected, and we are with her consent packing fittingly, and calling "Shirley Ann's Treasure Box."
It contains 13 of her choicest annual flower treasures.
10 of her loveliest old timey perennial or hardy flowers treasures.
At least 50 of her "Rainbow Sticks" as she calls her gladioli.
To all of which we are adding that wonder worker garden tool, the Shaker Shaker filled with enough grass seed to sow 400 sq. ft. of lawn.
The Treasure Box costs $5.
The Shaker Shaker $1.
But as one garden lover to another, we will send them both for a time for only the $5. Furthermore, we will prepay them both.



$5
POST PAID



Julius Roehrs Co
At The Sign of The Tree
Box 60 Rutherford N.J.



Above are two machine-made pan tiles, one scratched, the other smooth, to gain texture in combination. Below are hand-made shingle tiles, expensive, but beautiful in mass

THE ROOF OF TIL

(Continued from page 150)

from the buying public, it may be that the machine process can be made to overcome this essential drawback from an esthetic standpoint.

Some of our most costly tiles are now made by hand; this costliness being due entirely to the additional expense of hand labor over the machine process. For the sake of the greatly added beauty which irregularity and play of surface affords, the additional price is paid.

In selecting roofing tile there are several points which must be carefully considered. In this country, there are three general varieties in shape to be considered. The Latin or Mediterranean type of tile consisting of two semi-cyclindrical sections, trough and cover; the pan or S shaped variety with cover and trough joined into one piece, and then the shingle tile, which is but a flat plate of burned clay, corresponding to slates or wood shingles in shape, and laid in the same manner.

The scaling of the tile to the building is of very great importance. If the Latin or pan tile is used, particular care and thought must be given to the size of the cover portions, which form the ridges. If these ridges are too heavy and strong for the building below, the result is unfortunate and clumsy.

Color is of prime consideration and is one of the most difficult phases of selection, especially with those vari ties of tile which are highly vitrifie or are glazed. Time will have litt or no effect on this latter sort and t roof starting with a hard strong co our, often a very uniform bright re or green, stays hard and strong in i coloring—each rain washing the roo clean and restoring it to its unifor pristine garishness. If it were possibl to wait five or six hundred years fo time to gradually tone these stron colors down, the tile roof of th character might be indulged in, bu today, we are apt to desire all tha age can give to coloring by the tim the house is finished and ready fo living in.

The action of frost should also b considered when roofing tile is se lected. The tile determined upo should have its weather record care fully looked up. Tiles have a way o absorbing water just prior to a freez and then have the unkindly habit o going to pieces, when the hard freez arrives.

The selection of tile demands mor study, care and investigation than required with any other form of roo covering but when successful the re sult can be completely satisfying There is a romantic and lively beaut in the warm browns, reds, yellow and purples of burned clay if wel selected and combined,—which can b had in no other roofing material.



Diener's Gladioli

Order gladioli now for spring planting. The gladiolus is the king of flowers and the easiest to raise.

A collection of 12 of our named varieties made up especially for readers of HOUSE AND GARDEN will be shipped on receipt of three dollars. This exceptionally choice collection, offered at this extremely low price, will make a valued addition to any garden.

Bulbs are carefully packed and separately labeled.

Write for Our Free Catalog

Our 1925 catalog will be mailed at the request of every reader of HOUSE AND GARDEN when mentioning this magazine. It is a work of art, beautifully illustrated in natural colors, and contains valuable cultural directions.

"Field of Diener's Gladioli"



Our catalog fully describes our 1925 novelties of gladioli, petunias, and dahlias, as well as many other of our originations.

Write for your copy now.

RICHARD DIENER COMPANY, Inc.

[illegible]

Kentfield, Marin County, California, U. S. A.



Evergreen Windbreaks Give Peace

[illegible] night hideous; you are frightened and want to get away.

Hicks' "Time Saving" Evergreens

[illegible] to the house protected by these large trees. Moreover, their cost is soon saved in reduced fuel bills.

Hicks' Nursery Service

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Better Iris—*by Farr*

Farr's Seedling Irises are without doubt the most superb that have ever been offered. Iris fanciers and experts place them far above the most popular older varieties. A garden without a fair representation of Farr's Irises is not complete. Irises thrive in poor soil, in sunny places where most plants refuse to grow.

Better Perennials

[illegible] better varieties of Iris, Peonies, Chrysanthemums, Larkspurs and [illegible]

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BERTRAND H. FARR, Wyomissing Nurseries Co.

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Whatever Kind of Garden You Desire

Supposing you want to cut flowers to your heart's content! Even the small garden can be made to yield an abundance of flowers throughout summer and fall, by a judicious selection of easily grown Annuals. The Dreer Garden Book offers the greatest choice of flowers worth growing but for those willing to accept our help we suggest the following selections. At small expense this will give you truly

Season's Supply of Flowers
Easily Grown From Seeds

Superb Branching Asters, a packet each of 8 beautiful colors 60c

Giant Snapdragons, a packet each of wonderful and distinct colors 50c

Double Calendulas or **Pot Marigolds,** a packet each of 6 choice sorts 25c

Double-flowering Cornflowers, a packet each of 6 colors of this splendid improved type 10c

Extra Early Colossal Cosmos, a packet each of 3 colors, White, Pink, and Crimson 25c

Stock-flowered Larkspur, a packet each of 6 beautiful colors 50c

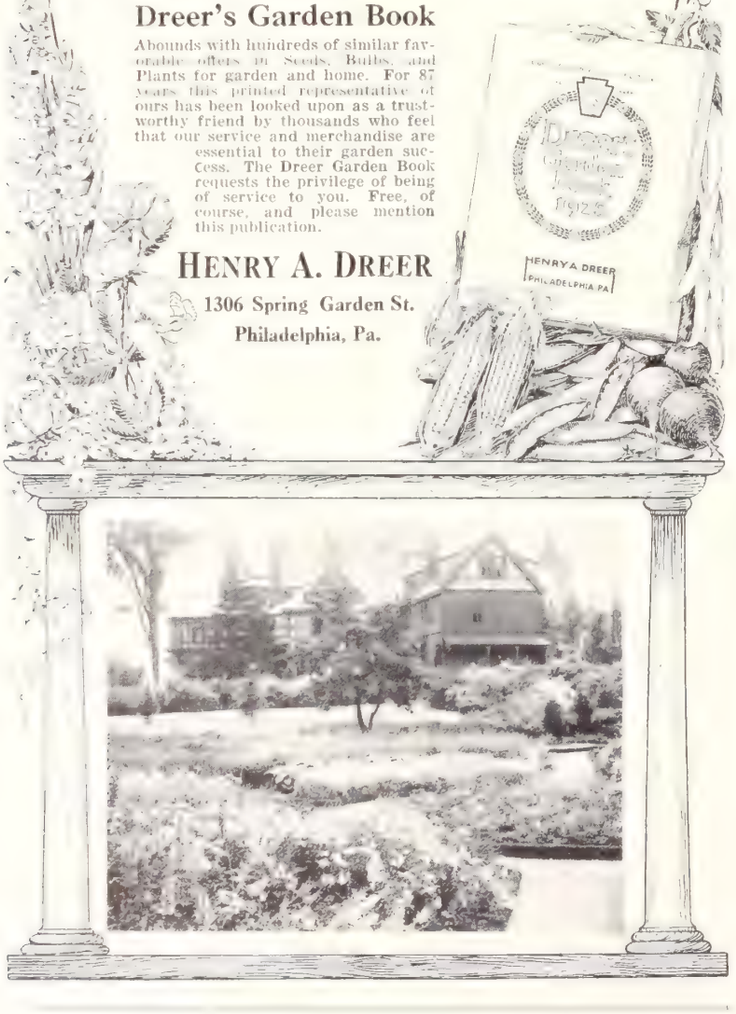
Special Strain of Giant Double Zinnias, a packet each of 7 of the most wanted colors 75c

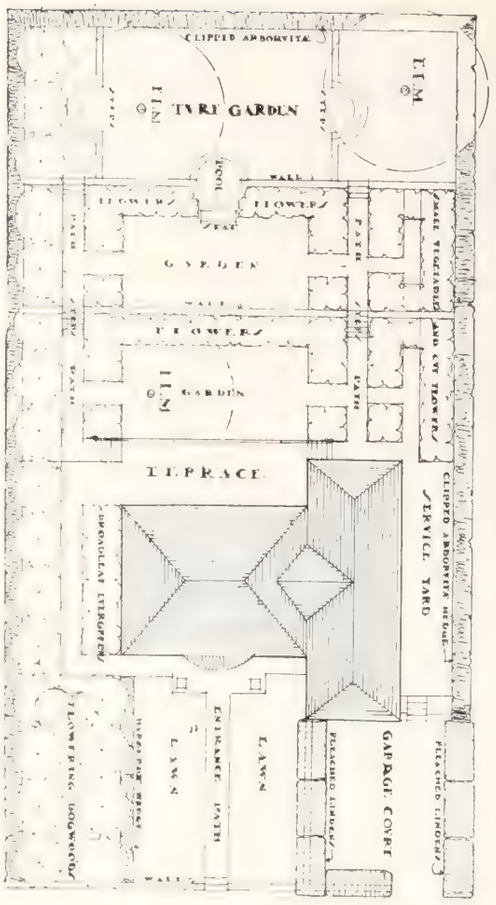
Special Offer: The complete collections of above 7 popular flowers, 12 packets of the choicest seeds, in quality strains, will be mailed postpaid for $3.00.

Dreer's Garden Book

Abounds with hundreds of similar favorable offers in Seeds, Bulbs, and Plants for garden and home. For 87 years this printed representative of ours has been looked upon as a trustworthy friend by thousands who feel that our service and merchandise are essential to their garden success. The Dreer Garden Book requests the privilege of being of service to you. Free, of course, and please mention this publication.

HENRY A. DREER
1306 Spring Garden St.
Philadelphia, Pa.





The plan illustrates the plot arrangement, which drops first from the street to the front lawn, then to the terrace, and thence through three garden levels

AN IDEAL SMALLER GARDEN

(Continued from page 86)

loveliness upon broad surfaces of turf broken only by two tall Elms, two low retaining walls cut by curved steps, a circular pool set in the wall that separates it from the garden above, and the background of clipped hedge. Its graceful quality of restfulness is very appropriate, for it is the last and lowest of the gardens and its shade and walls and water are all that is necessary for making it a pleasant and comfortable sitting place.

The two gardens on the intervening levels have a more lively interest, for they have been made gay with deep borders of perennials along three sides. The fourth side in each case is in effect a flower border, for it is marked by a retaining wall of rubble masonry whose crevices are filled with rock plants. These two intermediate gardens, lying between the lower turf garden and the paved terrace at the house, are so similar in design that variety must be provided by means of a difference in color schemes. The upper garden would therefore be planted with perennials whose colors are variations of red and yellow. These warm colors are what painters call "advancing" colors; that is, they seem to come closer to the observer. The lower garden would then be planted with perennials whose colors work from white to deep blue. These are "receding" colors. The effect gained by this method of planting would be to emphasize the nearness of the upper garden to the house terrace and increase the distance of the lower garden from the same viewpoint, thus giving an apparently larger size to the grounds to anyone looking towards the gardens from the house.

Two lateral paths provide access to the gardens from the steps at either end of the terrace. The steps at each of the two drops in grade are built of brick to give a nice contrast to the stone of the walls. Two plots have been laid out at the south end of each intermediate garden for small vegetables and flowers for cutting.

An interesting and effective type of enclosure has been given the garage court by using pleached Lindens. The trees are planted fairly close together and then sheared to give the appearance of a clipped hedge whose branches begin about 5 feet from the ground.

The whole effort on these grounds has been to give them the same spirit of graceful distinction which the house achieves. They are formal in the sense that they have a certain symmetry of design, but of the impressive grand manner it is hoped they have none. Primarily, their beauty and appropriateness are the results of the design being the one sensible solution for the problem of the site and the treatment a harmony with the house.



Sowrite Seed-Sower

Sows Seeds at a Touch!

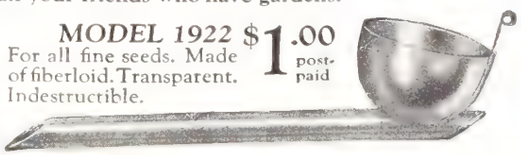
Enables the Amateur to Sow with the Skill of the Professional*—Insures *Uniform Distribution of the Smallest Seeds*—Assures *Strong, Vigorous, Healthy Plants.

"Sowrite" scatters seed individually; prevents crowding and choking of seedlings.
Eliminates guesswork because you can see each seed drop, no matter how fine.
Saves time because you can sow seeds twice as fast.
Order a "Sowrite" *Now* for the sake of finer and better plants
—a wonderful gift, too, for all your friends who have gardens.

MODEL 1923 $1.50 post-paid
For larger seeds up to size of Sweet Peas. Made of copper, nickel plated.



MODEL 1922 $1.00 post-paid
For all fine seeds. Made of fiberloid. Transparent. Indestructible.



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"Seerite"—*The Perfect Label for Every Purpose*



Always readable. Not affected by atmospheric conditions. For indoor and outdoor propagating beds, seed beds, rose or rock gardens and general use in the flower and vegetable garden. *8 in a box.* Per Box $1.00 post-paid

"Growrite"

The Perfect Food for All Plants

Highly concentrated; water soluble. Quick acting, yet lasting. It furnishes plants the vital elements of fertility in a form that can be immediately taken up, and its effect is apparent in a short time. Produces luxuriant growth. Intensifies the color of foliage and bloom. One pound can $1.00 post-paid

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Enclosed is _____. Please send me (state how many)
_____Model 1922 and _____Model 1923
Sowrite Seed Sowers, _____Boxes Seerite Labels,
_____cans of Growrite.

Name _____

Address _____

H. C.



You can make your garden a place of exquisite beauty—moderate cost by using Felstone Garden Furniture. Each piece is the work of a master craftsman.

Felstone, by its combination of carefully selected stones and concrete, has an art finish that defies time and weather.

Its cost is but a fraction of that of genuine garden furniture which possesses all the grace, beauty and enduring quality of the rather carved.

Felstone designs are either perfect reproductions of the carved masterpieces or original designs of great artistic merit.

A Book of Garden Furniture, containing many full page photographs of Felstone garden pieces, is just off the press. It is a beautiful book, full of interest to you.

Your copy will be promptly mailed if you send us your name and address.

The Felstone Company, Inc.
Biltmore, North Carolina



A Water Garden Appeals to All

There's more real joy in growing Waterlilies than in almost any other kind of gardening. Every morning brings surprises as fresh and new as the dawn. The mid-day sun only increases the shadings of delicate pink or pale lavender, royal purple and rich crimson. And Waterlilies are grown as easily as the most common flowers in the most common garden. All you need is a tub or pool of water and a little soil. Mother Nature gives the sunshine that brings out the loveliness of the flowers.

My New Catalogue of Waterlilies

and how easy it is to build a pool, tell you what varieties are most satisfactory, and picture for you in natural colors some of the most beautiful Waterlilies. The booklet will supply all the information you need to make your garden an uncommon garden. Send today for free copy of the new edition.

WILLIAM TRICKER, Waterlily Specialist
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Planet Jr. makes it the family's garden

Planting and cultivating a garden the real professional way gives a thrill and interest to the whole family. The fuss and drudgery a Planet Jr. Seeder avoids makes gardening just that much more fun.





No more tedious stooping and kneeling, patiently (or impatiently) sifting fine seeds with the fingers. Any of the famous Planet Jr. Seeders does it mechanically much better, in straight, even rows—and so much faster!

And weeding with Planet Jr. Single or Double-Wheel Hoes is a pleasure not to be compared with the back-breaking slavery of the old-fashioned hoe.



Grow what you eat!

Ask your Planet Jr. dealer to show and explain the different Planet Jr. Garden Tools made to make your gardening easy and pleasant. Or write us for catalog which does the same.

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Planet Jr.



Carnation Victory has an effective yellow ground with pencilings of deep purple and red

CARNATIONS AND PINK

BORDER Carnations are easily propagated by layering the unflowered growths which appear about the base of the central and flowering growth. Layering offers no difficulties. It may be necessary to remove some of the basal leaves; then, at a point below, and a little to the right of, the leafy cluster, insert a sharp, narrow-bladed knife, in the center of the stem, the edge facing away from the leafy portion; a long, slanting cut, bringing the knife blade out on the underside of the stem, will complete the operation. The long tongue thus made must be kept open by means of a tiny bit of stone, otherwise the cut surfaces will grow together. Having made the layer, the whole of the cut part should be embedded in gritty soil previously prepared for the purpose and mounded about the base of the parent plant; a hooked peg—a hairpin will do—looped over the stem at the point where the knife came out, and thrust into the soil, serves to keep the layer steady and also to k the "tongue" open. Having made layer secure it is necessary to cover well with soil and at the same t bring the leafy portion upright, nearly so, which also tends to k the cut open. It is from the tong that most of the new roots will ar Watering the soil about the layers usually necessary on many occasio and it must be done with care, oth wise the rooting portion will be l bare.

In due course the layers will sufficiently rooted to start the separ existence a cut through the connecti stem will give them. A week or later, provided the bed or border prepared, the layers may be lifted a planted where they are to flower following season, or potted up to wintered in a cold frame.

There is no floral quality claim for the Carnation which the Pink d not possess. Long ago the choic

(*Continued on page 162*)



The new border Carnations have all the fragrance of their greenhouse cousins. Queen Mary, shown here is a rose pink



A soft du Barry rose with a deeper tone at the base of the petals is the coloring in this Alwoodi Pink named Rufus



Star" ses are aranteed to bloom—or your oney is refunded

The short cut to success with roses!

The most informing and entertaining rose descriptions ever written—that is a fair description of the interesting material in "The Star Guide to Good Roses", the first innovation in rose catalogs in many a day.

It isn't easy to find a catalog that will tell the exact and literal truth—especially about so lovely a thing as the rose! But this year's "Guide" does it!

Along with absorbingly-interesting and *reliable* descriptions, we offer our exclusive new Index, a vote of experts as to the 100 best roses—incidentally showing which are the 5 best or the 12 best for America—and for *your* growing.

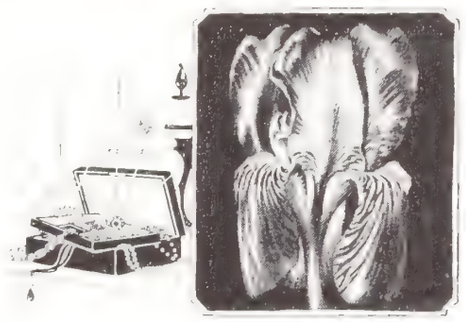
There never has been a rose catalog so frank, so interesting, so helpful as this year's "Star Guide to Good Roses." It makes rose growing fool-proof—besides telling what roses to plant where, and why to plant them there! Your copy awaits you. We hope you'll write for it at once—it's FREE!

THE CONARD-PYLE CO.

Formerly Conard & Jones Co.

★ *Star Rose Growers* ★

Robert Pyle, Pres Box 126 West Grove, Pa



Treasures for the House— Why not for the Garden?

NOT even the rarest jewels can give possessors greater pride and pleasure than is bestowed by the exquisite new Irises.

More than other flowers the Iris has individuality, almost personality. We come to know the named varieties as we know charming friends. Each has its character, its atmosphere, its peculiar attraction. One does not buy Irises wholesale to fill a bed: but selects them carefully, as in choosing companions.

We list some here which, did you see them in others' gardens, you would covet. Why not have them for your own?

Ambassadeur, bronze and maroon, growing 40 inches, $2.50.

Asia, yellow and reddish bronze, growing 45 inches, $7.50.

Dominion, forerunner of a new race of blues, $20.

Lent A. Williamson, best of American varieties, $1.25.

Medrano, beautiful smoky claret, a rare color, $2.50.

Mrs. Walter Brewster, flowers 6 inches long, $5.

Prospero, lavender and purple, 48 inches, $5.

Souv. de Mme. Gaudichau, most beautiful of purples, most charming of flowers, $4.50.

Garden Talks by Radio

[illegible] p. m. each Thursday from March 5 to June 25, a garden talk by radio, [illegible] Vaughan's Seed Store, will be broadcasted from station WMAQ, Chicago Daily News, Hotel LaSalle, Chicago, Wave length 448 meters. There is no advertising in these talks. They are inspirational and helpful and will be worthwhile to [illegible]

Dept. 31 [illegible] W. Randolph St., Chicago, Ill.

Vaughan's Seed Store

Dept. 31 31 Barclay St., New York, N. Y.



Order Gladioli *NOW*

KUNDERD GLADIOLI are always favorites with those who love these beautiful flowers. Plant Kunderd glads this year and you will be amazed at the wealth of glorious blooms. But don't delay sending in your order. The choice varieties always go first. A limited quantity of the rarest of all glads—the Lacinatus, my exclusive origination—is still available. This is the only real fringed gladiolus yet introduced. Among the Ruffled and Plain-petaled types and Primulinus Hybrids are many new introductions—but they are going fast. Write today for the

New* 1925 *Kunderd Catalog

and make your selections. This book lists and describes the most collection of worth-while growing gladioli in existence. Varieties to be had from no other grower. Many illustrated in full color. Everyone who grows gladioli should have this book. It contains my full cultural directions that make growing Kunderd gladioli simple and sure. Write for your copy *now*, so that you can order in time to secure the varieties you want.

A. E. KUNDERD

Box 2-C Goshen, Ind., U. S. A.

The Originator of the Ruffled and the Lacinatus Gladioli

Kunderd Gladioli

THEY STAND SUPREME

Childs Seeds



50th Anniversary

Our 1925 catalog is the finest we have ever published. It will be sent free upon request. Contains 140 pages, thousands of illustrations and descriptions, twenty full pages in colors. Many new novelties and attractive offers. Send for copy today. A post card will bring it.

A Few New and Rare Specialties from our 1925 Catalog.

[illegible]

Special Offer [No. 50] ***for $2.00***

We will send one packet of each of the above Specialties for $2.00 if purchased separately would cost $2.10

JOHN LEWIS CHILDS SEED CO., Inc.

FLORAL PARK, NEW YORK



As Much a Part of the Home as the Hearth Stone

Whether your grounds are large or small, like a gem in its proper setting is the home surrounded by

HILL'S EVERGREENS

Our 1925 catalog contains 76 pages and nearly 100 illustrations, 24 of them in full color. The descriptions are complete and authentic. It gives information regarding color, shape, size and best uses of the different varieties. Write for catalog today. **Send 25 cents** in stamps or coin which will be refunded on your order.



THE D. HILL NURSERY CO.
301 Cedar Street **Dundee, Illinois**
Evergreen Specialists—Largest Growers in America
Established 1855

Your local Nurseryman, Florist or Landscape Architect has Hill's Evergreens or can obtain them for you.

Bobbink & Atkins

Visit Nursery

World's Choicest Nursery & Greenhouse Products Grown in America

Ask for Catalog

ROSES

SPRING PLANTING

An illustrated complete list of Roses that we shall have for Spring planting will be mailed in February. Many Roses are beautifully illustrated in color, among them, Rev. F. Page-Roberts, Star of Persia, and other new and unusually attractive varieties. This list of Roses is the most complete and unique ever offered. We have several hundred thousand rose plants ready to ship to any part of the country, where Roses can be planted at this time. Your choice can be made from this list, mailed upon request.

HARDY HERBACEOUS PLANTS

A complete catalog of Old Fashioned Flowers, Irises and Peonies, Hardy Chrysanthemums, Delphiniums, Rock Garden Plants in large variety. Our Marshmallows are distinctive from all others. Beautifully illustrated in color and black. It contains an alphabetical table, indicating Flowering Period, Height and Color.

EVERGREENS, TREES, SHRUBS AND VINES

An illustrated catalog of Nursery Stock such as Evergreens, Evergreen Shrubs, Deciduous Trees, Flowering Shrubs, Hedge Plants, Hardy Vines, Fruits and House Plants.

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We have a pamphlet of potgrown Vines and Climbers for every home and garden.

HARDY EVERGREEN AZALEAS

We grow a very complete collection of these attractive garden decorative plants. They should be used freely in groups with or without other broad leaved Evergreens. They are most attractive for Rock Gardens. They are listed and described in our Evergreen Catalog.

In your request for catalog, it is important to state definitely what you intend to plant.

BOBBINK & ATKINS **RUTHERFORD, N. J.**

Nurserymen & Florists

THE MILBRADT POWER LAWN MOWER



A Beautiful Lawn Adds to the Beauty of Your Home

The MILBRADT Power Lawn Mower now makes play of the grass cutting job. It is a sturdy, simply built machine, so easy to operate that a boy can run it. The finest kind of a motor furnishes power to enable the machine to climb any grade and cut all kinds of grass. Cuts around flower beds, trees and bushes, no trimming being necessary. Shipped to responsible parties subject to trial.

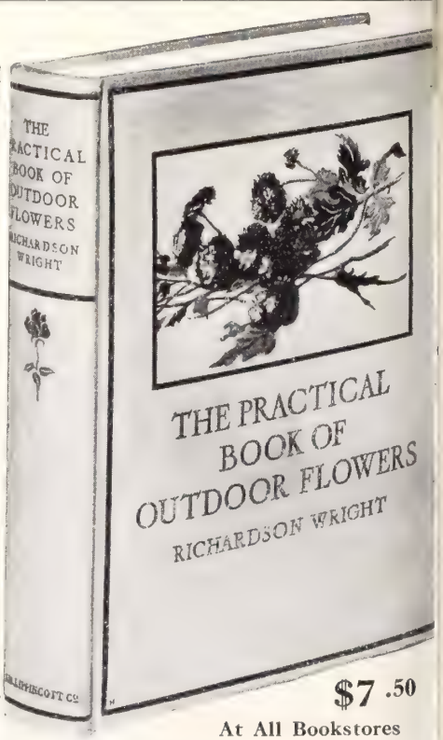
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New Book will become the standard for all lovers of gardens and flowers

It is the Essence of Flower Lore and Practice



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165 DOUBLETONE ILLUSTRATIONS

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A pageantry of bloom. A magnificently illustrated and instructive guide for those who plan or supervise their own planting, an inspiration to the growing of better flowers and the making of more beautiful gardens. Covers every particular in the preparation and laying-out of flower beds and shrubbery with suggestions and information for both the beginning and the practiced gardener. The various idiosynerasies of perennials, annuals, bulbs, flowering trees, shrubs and vines are considered with the treatment that will induce healthy and abundant bloom. There are fascinating schemes of color combinations in plot and borders, plans for rock gardening and wall gardening, arrangements for fragrance and old-fashioned design. In fact, it is the most comprehensive work on the subject ever published as well as the most beautiful. It will become the standard for all lovers of gardens and gardening.

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Please send me illustrated pamphlet of this book and other similar volumes



Reproduction from a painting of the estate of R. E. Colgate, Sharon, Conn., by Frank Swift Chase

© The D. T. E. Co., Inc., 1925

$1,250,000.00 business in saving trees during 1924 by The Davey Tree Expert Co.

An increase of 25% over 1923

In 1906 the business of The Davey Tree Expert Company was approximately $40,000.00, with John Davey in personal charge training his men in his wonderful new science. In 1924 the business reached a total of $1,250,000.00 for the year.

In 1906 John Davey had only a dozen men today the Davey organization numbers more than 500 and is national in scope.

During 1924 The Davey Tree Expert Company treated in this one year more than 98,000 trees—for more than 6,000 clients between Boston and Kansas City and in California.

Of these clients 75% paid the Davey Company less than $200 each. The smallest amount paid by any one client was 90c—the largest was $15,528.62.

These clients include owners of private homes and country estates; schools, colleges and universities; city parks, golf and country clubs; churches, hospitals and philanthropic homes; cemeteries; federal, state and county institutions; manufacturing and insurance companies, and other corporations.

This business was founded on the genius, love and courage of John Davey, who gave to the world the wonderful Science of Tree Surgery. It was organized, built up and managed by his son, Martin L. Davey, with the co-operation of a group of unusual men. The Davey organization today is made up of men of such high personal qualities, ability and integrity that John Davey's slogan has become a living force, "Do it right or not at all."

Among prominent persons and institutions served by Davey Tree Surgeons are the following:

CITY OF LOUISVILLE
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JAMES A. FARRELL
WILLIAM HODGE
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IDLEWILD COUNTRY CLUB
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F. EDSON WHITE

JOHN DAVEY
Father of Tree Surgery
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Attach this coupon to your letterhead and mail today

The Davey Tree Expert Co., Inc.
30 City Bank Bldg.
Kent, Ohio

Gentlemen: Without cost or obligation on my part, please have your local representative examine my trees and advise me as to their condition and needs.

THE DAVEY TREE EXPERT CO., Inc., 30 City Bank Bldg., Kent, Ohio

Branch offices with telephone connection: New York, 501 Fifth Ave.; Tarrytown Mercereau Hall Bldg., Albany, Voleker Bldg.; Boston, Massachusetts Trust Bldg.; Philadelphia, Land Title Bldg.; Baltimore, American Bldg.; Pittsburgh, 501 Fourth Ave.; Buffalo, 110 Franklin Street; Cleveland, Hippodrome Bldg.; Detroit, General Motors Bldg.; Cincinnati, Mercantile Library Bldg.; Louisville, Todd Bldg.; Indianapolis, Lombard Bldg.; Chicago, Westminster Bldg.; St. Louis, Arcade Bldg.; Kansas City, Scarritt Bldg.; Minneapolis, 636 Andrus Building

DAVEY TREE SURGEONS

Every real Davey Tree Surgeon is in the employ of The Davey Tree Expert Co., Inc., and the public is cautioned against those falsely representing themselves. Arrangement made with the Davey Company and not with an individual is certain evidence of genuineness. Protect yourself from impostors. If anyone solicits the care of your trees who is not directly in our employ, and claims to be a Davey man, write headquarters for his record. Save yourself from loss and your trees from harm



EACH shingle in a Johns-Manville Colorblende Roof is a slice of eternity Asbestos rock and Portland cement united in an everlasting bond to embellish and preserve your home.

Various colorings can be blended into a roof appropriate to any architectural motif.

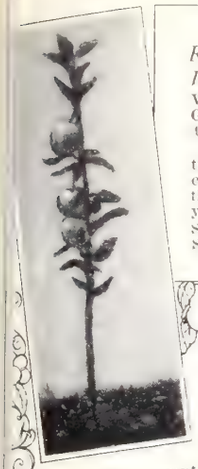
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Yellow Transparent Dwarf Apple Tree

Read this Interesting Letter from a Pleased Van Dusen Customer.

Van Dusen Nurseries,
Geneva, N. Y.
Gentlemen:

I am enclosing a Kodak print of one of the apple trees, a Yellow Transparent. The quality of the fruit of course, is excellent. The trees were planted May 1st and this picture was taken August 17th. I thought perhaps you would like to use it.

Seattle, Wash. Very sincerely yours,
Sept. 9, 1924 [illegible]

Dwarf Fruit Trees Best for the Home Garden

Require Half the Space of Ordinary Fruit Trees

You can make your fruit garden dreams come true in a surprisingly short time by planting this Spring, an assortment of Van Dusen carefully propagated dwarf fruit trees.

They are the best for the home garden because they are easy to plant—easy to care for—easy to pick the fruit from—bear in about half the time of ordinary fruit tress—need less room and never get too big—thrive in practically every climate—bear delicious tasting fruits that will supply the family needs.

We Specialize in

Dwarf Apple Trees
Dwarf Pear Trees
Dwarf Plum Trees
Dwarf Cherry Trees
Dwarf Peach Trees

Send for our FREE Catalog describing Dwarf Fruit Trees, Roses, Vines, Shrubs and Ornamentals

Plan Your Garden Now!

The Van Dusen Nurseries

C. C. McKay, Mgr. Box B, Geneva, N. Y.



Moons'

Flowering Shrubs Will Brighten Your Lawn

YOU can brighten your lawn with a shower of blossoms from early Spring to Autumn frosts with a selection of Flowering Shrubs. In this selection Golden Bell, Dogwoods, Lilacs, Snowballs, Weigelas, Rose of Sharon and Hydrangeas are but a few floral possibilities.

Flowering shrubs are useful as well as ornamental. When arranged about the house foundation they merge the house and grounds together. Along the borders of the lawn, they effectively give privacy and comfort to your "Out-door living room." They screen unpleasant views, too, and improve your outlook.

You will find it perfectly simple to select and group Flowering Shrubbery, as well as Evergreens, Trees, and Perennials, which we also offer, if you will send for our complete catalog.

Ask especially for Catalog H.

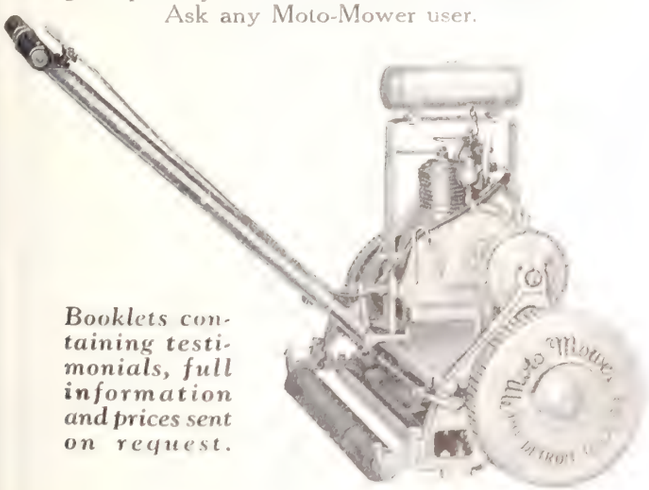
Moons' Nurseries

THE WM. H. MOON CO.
MORRISVILLE PENNSYLVANIA
which is 1 mile from Trenton, N.J.

No Effort Is Required

To Operate This Capable Grass-Cutter; Does Work of Five Men

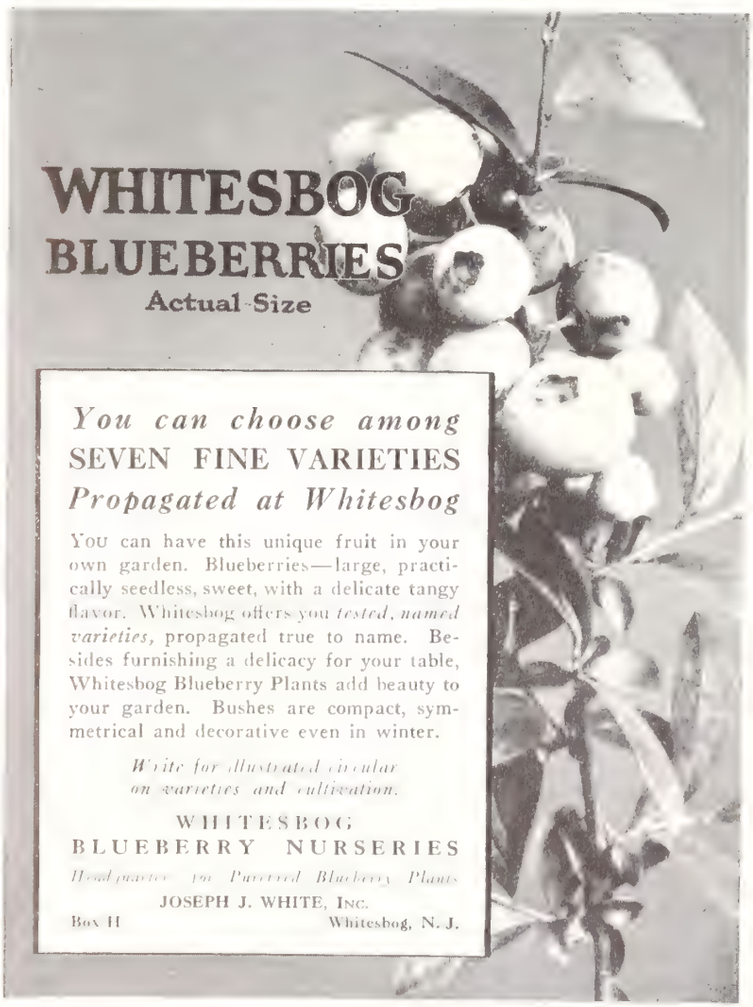
Plenty of power, easily directed makes the Moto-Mower a delight to handle. Starts, stops and turns in any direction by the mere rotation of the rubber grips. No physical effort required. Actual tests show that one Moto-Mower cuts as much grass per day as five men with hand-mowers. Ask any Moto-Mower user.



Booklets containing testimonials, full information and prices sent on request.

THE MOTO-MOWER COMPANY

3247 Woodbridge Street Detroit, Michigan



WHITESBOG BLUEBERRIES

Actual Size

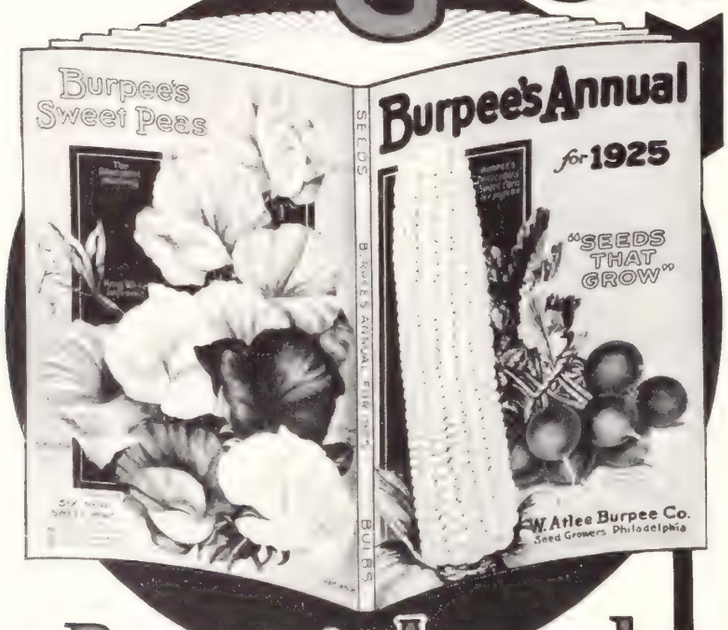
You can choose among
SEVEN FINE VARIETIES
Propagated at Whitesbog

You can have this unique fruit in your own garden. Blueberries—large, practically seedless, sweet, with a delicate tangy flavor. Whitesbog offers you *tested, named varieties,* propagated true to name. Besides furnishing a delicacy for your table, Whitesbog Blueberry Plants add beauty to your garden. Bushes are compact, symmetrical and decorative even in winter.

Write for illustrated circular on varieties and cultivation.

WHITESBOG
BLUEBERRY NURSERIES
Headquarters for Pureseed Blueberry Plants
JOSEPH J. WHITE, Inc.
Box H Whitesbog, N. J.

Burpee's Seeds Grow



Burpee's Annual

The Leading American Seed Catalog

This is the catalog that tells the truth about the Best Seeds That Grow. It describes the **Burpee Quality Seeds**

Market growers and florists use Burpee's Annual as a reference book; it is so interesting and easy to read that a million amateurs use it as their garden guide. Burpee's Annual is the most popular seed catalog in the world.

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Every variety of seed offered in Burpee's Annual is grown on the Burpee Seed Farms, or by our experienced growers in other parts of the world. Each variety of seed is grown where it matures most nearly to perfection. And all seed sold by Burpee is tested twice in our famous Fordhook Trial Grounds.

If you are interested in gardening Burpee's Annual will be mailed to you free. We want you to sow Burpee's Seeds.

FREE SAMPLE. First write for a free copy of Burpee's Annual; then look through the book and select a regular 10c packet of any vegetable or flower seed entirely free, and we will mail it to you postpaid. *This free offer is made to get new customers. Burpee's Seeds are good only until May 1, 1925.*

TEAR HERE

W. ATLEE BURPEE CO.
Seed Growers Philadelphia

Send me a copy of **Burpee's Annual** with Order Sheet good for a free 10c packet of Burpee's Seeds.

Name .....

R. D. or Street .....

P. O. ..... State .....



Pink Model is the name of this engagingly fresh Alwoodii—rosy pink with a carmine base

CARNATIONS AND PINKS

(*Continued from page 158*)

Pinks had form as fine as any Carnations, while in regard to markings the humbler flowers, as represented by the laced varieties, need no apology. In coloring, in fragrance, in freedom of blooming, and in length of season, the Pinks hold their own with border Carnations.

There are signs in plenty that Pinks are regaining the popularity they once enjoyed.

Several firms are engaged in raising new Pinks, so that there are now single, semi-double, and double varieties, some dwarf, some of medium height, and some fairly tall—for Pinks; while the coloring ranges from purest white to vivid crimson-scarlet.

Distinct in character, but still retaining the Pink's size and form of flower, are the several varieties of a hybrid race having the generic title of Dianthus Allwoodii. These originated from the inter-crossing of perpetual-flowering Carnations and Pinks, and they are destined to occupy a high position among continuous flowering plants suitable for garden decoration. The stems carry many blooms each, and when garden effect is the chief aim, the cultivator will be well advised to pinch out the central or terminal flower bud, as this will encourage the remaining blooms to increase in size and lengthen their stems. A few twigs set among the plants will serve to keep the flower stems erect during storms of wind or rain, but staking is unnecessary.

Old-fashioned Pinks are easily propagated by pipings, i. e. growths pulled or tugged from their setting and dibbled into gritty soil during June and July. The varieties which owe their origin in part to the Carnation, may be propagated at almost any season of the year when cuttings are available, but early propagation is essential when strong plants are needed for autumn planting.



Three border Pinks—(left) Lord Lambourne, crimson; (above) Red Indian, deep dull red; and (right) Bridesmaid, pale pink



Carnation Daisy Walker is a fine variety for the border. The flowers are delicately flaked a rose pink on a pure white ground

Your Lawn
Needs Rolling NOW!

Write for free illustrated booklet on the proper care of lawns. Prepared by Superintendent of Public Grounds, Boston, Mass.



When your lawn cracks and leaves its frost lifts the ground the tender grass roots are destroyed from the nourishing soil. Light weight rolling will root the roots and further frequent rolling will produce a sound, new lawn, closely carpeted and discouraging to weedy growths. As the soil dries, the weight of the roller should be increased. This can best be done with





The Green Ends and Red Painted handle identify the genuine Dunham Water-Weight Roller.

DUNHAM WATER-WEIGHT ROLLERS

Adjustable to your needs for lawns, tennis courts and golf greens. Weight regulated by the amount of water or sand you put in the steel drum. Large Rollers equipped with roller bearings. As easy to push as a lawn mower.

The Dunham is the [illegible] and has almost entirely replaced the old, unwieldly cast iron and concrete rollers.

Now is the time to roll your lawn
Order a Dunham Roller Today.

Sold by leading Seed Houses, Hardware and Department Stores. If your dealer does not carry them, write to us for [illegible]

DUNHAM LAWN ROLLER COMPANY
113 Chambers Street, New York, N. Y.
527 So. Dearborn St., Chicago, Ill. Office No. 21, Mount Royal Hotel
708 Market St., San Francisco, Cal. Montreal, P. Q.



Let Fiske Fence Your Grounds

Fiske Climb-Proof, Chain Link Fences cost no more in the beginning, and very much less in the end, than the ordinary kind of fencing.

Country estates, game preserves, model farms, public and private grounds and parks by the thousands are fenced, or are now being fenced, by Fiske.

The fence posts being set deep in concrete cannot rust at the ground. The wire fabric, galvanized *after, not before,* being woven, is absolutely rust-proof. The fence itself is climb-proof.

We contract to do either the installation work or to furnish plans and blueprints with full erecting instructions.

Send for Fiske Catalog 13

Andiron Sets



Iron Aquaria



Fiske also makes
Ornamental metal work of every kind

Entrance Gates, Iron Fences, Garden Settees, Fountains, Balcony Railings, Lamp Brackets, Lamp Standards, Grilles, Vestibule Doors, etc.

J.W. Fiske IRON WORKS
ORNAMENTAL IRON WORK
80 Park Place ~ New York
ESTABLISHED 1858







Nature Needs Help to Produce a Perfect Lawn or Garden!

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easily, certainly, economically.

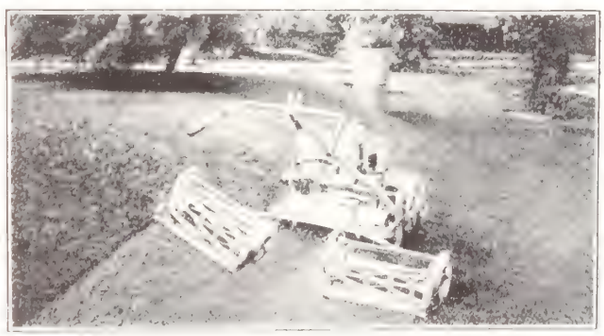
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extremely interesting. When writing for your copy, please [illegible]

The Skinner Irrigation Co.,
231 Water St., Troy, Ohio

SKINNER SYSTEM OF IRRIGATION

Detachable Gang Units
Double Cutting Capacity



THE Coldwell Model "L" Motor Lawn Mower and Reeler is a thoroughly dependable and economical [illegible] Each unit is self-contained [illegible] on one gallon of gasoline. When equipped with [illegible] the gang adds the cutting width of more than [illegible] feet, according to [illegible] open stretches to ten inches [illegible] can be detached to [illegible] work, along walks and borders and around trees and shrubbery—no hand mower necessary. Power take-offs are made so that they can be attached to all Model "L" Motor Lawn Mowers now in service. Detailed information will be sent upon request.

SINCE 1867
COLDWELL
HAND HORSE *Dependable* LAWN MOWERS MOTOR GANG

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.



Standard Wren House
$1.00 EACH
Delivered

Build a House that Brings the Birds



Here is a bird house with a regular "front door."



This shelter has the wide side opening which the Robin demands.



The "Bungalow" is a most popular lure for the bird lover.

The houses shown above can be made from the LINCOLN LOG Bird Set $3

In addition to the Standard Wren House many other bird houses can be made from Lincoln Logs to attract a pleasing colony of feathered friends.

Lincoln Log Bird Houses with log floors and sides have a rustic appearance.

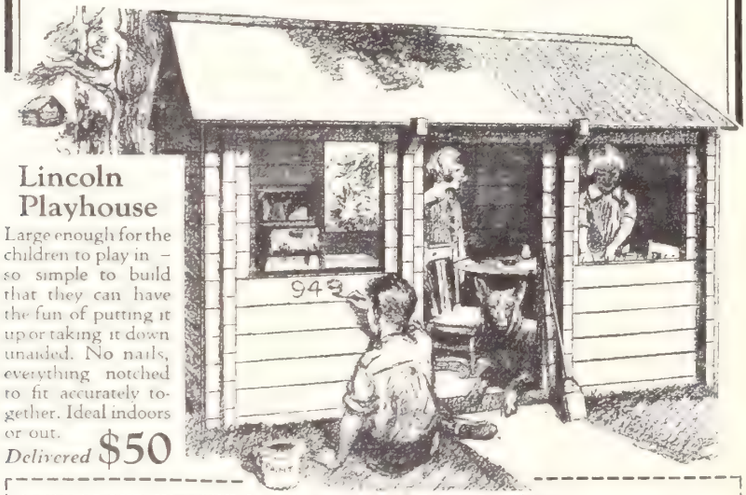
Hung in trees or under the eaves, fastened to a wall or on a pergola, they add a decorative touch whether in small yards or spacious grounds.

One of the distinct pleasures of the Lincoln Log Bird Houses is the opportunity of building them yourself from the ready-notched and stained logs.

The birds are now choosing their summer homes. Decide at once on the items you wish, then

Go to your dealer or send coupon to

JOHN LLOYD WRIGHT, Inc.
232 E. Erie St., Chicago



Lincoln Playhouse

Large enough for the children to play in — so simple to build that they can have the fun of putting it up or taking it down unaided. No nails, everything notched to fit accurately together. Ideal indoors or out.

Delivered $50

JOHN LLOYD WRIGHT, Inc., Room 135, 232 E. Erie St., Chicago

I enclose payment for items ordered below with understanding money will be refunded if not satisfactory:

__Standard Wren Houses, delivered	each	$1.00
__Special Equipment for bolting Wren Houses instead of nailing		.25
__Lincoln Log Bird Sets, for building models shown to the left side or others in design book	each	3.00
__Bird House Outfit—one Standard Wren House with Special Equipment and one Lincoln Log Bird Set	each outfit	4.00
__Lincoln Playhouse Complete	each	50.00

Name ..... City .....

Street ..... State .....



Properly packed trees may be left in their wrapping a few days. However, if any length of time is to elapse before planting, they had better be unpacked and have their roots covered with earth

FRUIT TREE CARE THE YEAR AROUND

DR. E. BADE

IN the early fall when the fruit trees cast off their leaves, a short period of rest begins. A unique change takes place in the wood of the trees. The starch, which until now has been used as a food for the growing buds and which has been stored in the spherical or cubical cells of the parenchyma, slowly changes into fat. This fatty stage, which is completed in December, lasts to the end of February. Then the fat is reconverted into carbohydrates and, as sugar, it enters the growing buds and roots.

The reason that the plant enters into this rest period is found in the low temperature and the dryness of the soil. Trees require, in order to grow, a certain degree of heat as well as water. If the heat is lacking, although sufficient water may be present, growth cannot occur. When the soil water is below a certain temperature it is as good as non-existent for the plant. Under these conditions th foliage becomes useless; it gives o water which cannot be replaced fro the roots. Therefore it is discarde

The correct time for planting transplanting a tree is during i period of rest, either after the leav have fallen or just before the sa begins to rise in the spring. Befo planting, the soil should be loosen to a depth of at least two feet s that the best soil lies in the cent This preliminary work should b accomplished in the early fall wh the trees are to be set out in t spring. The loosened soil is then act upon by frost, moisture, etc. whi help to make it more fertile. The too, a chemical action takes place i the ground; soil salts are formed, an the soil becomes warmer.

The selection of the fruit tr should be influenced by the availabl

(Continued on page 166)



Root suckers are unproductive and should be removed. They rob the tree of sap and, if allowed to remain, will seriously affect its fruit yield



Water sprouts indicate something wrong with the soil. They should always be pruned off, except where one is needed for development into a regular branch



Lawler's Sir Watkin

Naturalizing!

—glorify your grounds with a page from nature's book

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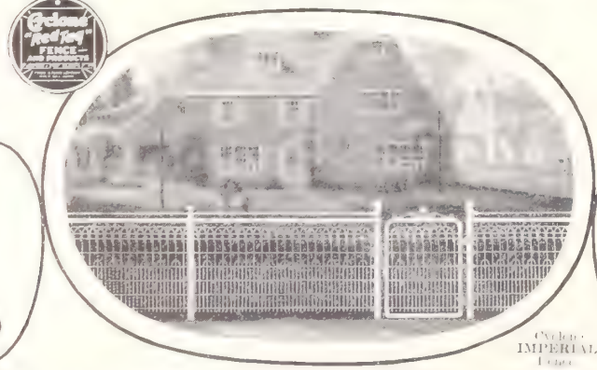
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The hole in which the tree is set must be amply large to accommodate all the roots without crowding. The graft scar should not be buried

FRUIT TREE CARE THE YEAR AROUND

(Continued from page 164)

soil constituents, its physical properties, and the climate. That which grows successfully in the Northeast and in the East does not necessarily thrive in the West. A certain type of fruit doing well in one location does not always produce a high quality in another.

The distance that the various trees are to be spaced depends upon the type selected. In general, a distance 30 feet is considered correct for apple, pear and sweet Cherry. For Plums, Apricots, Peaches and sour Cherry a distance of 15 feet will be sufficient. The distance must be varied according to the size of crown to be developed by the individual forms.

Fall planting is best in localities where the soil is not light and sandy. Where these conditions are present, spring planting is advisable, for this type of soil dries out easily. November is the month for fall planting.

Never add fresh manure to the hole in which the tree is to be placed; even an old, decayed type is unnecessary. It is quite sufficient to plant the tree in a good type of soil.

The tree is set in place, some soil added, and then water poured in. This is followed by more soil, water again, and finally dry soil on top. The water is put in during the early stages in order to settle the soil in around the roots. Trees with

(Cont. on page 168)



One of the type of fruit spur found on Apple trees. Its woolly tip is characteristic



Cherries produce clusters of flower buds. These should be carefully preserved when pruning

Two kinds of Apple fruit spur. An abundance of the lower, ringed type indicates that the tree bears well

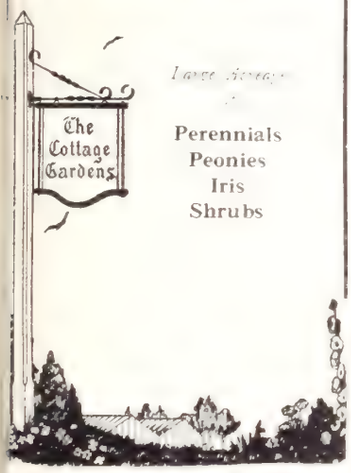
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Where to place them
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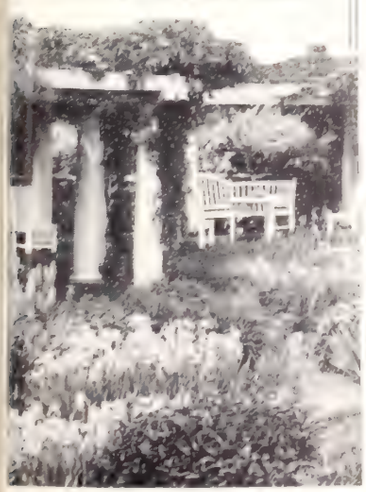
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There are fifty-six pages of detailed planting suggestions for the making of various borders to delight the eye during different seasons. It offers specific plants for the making of rock gardens, old-fashioned borders and tells how to handle them for best results and effects.

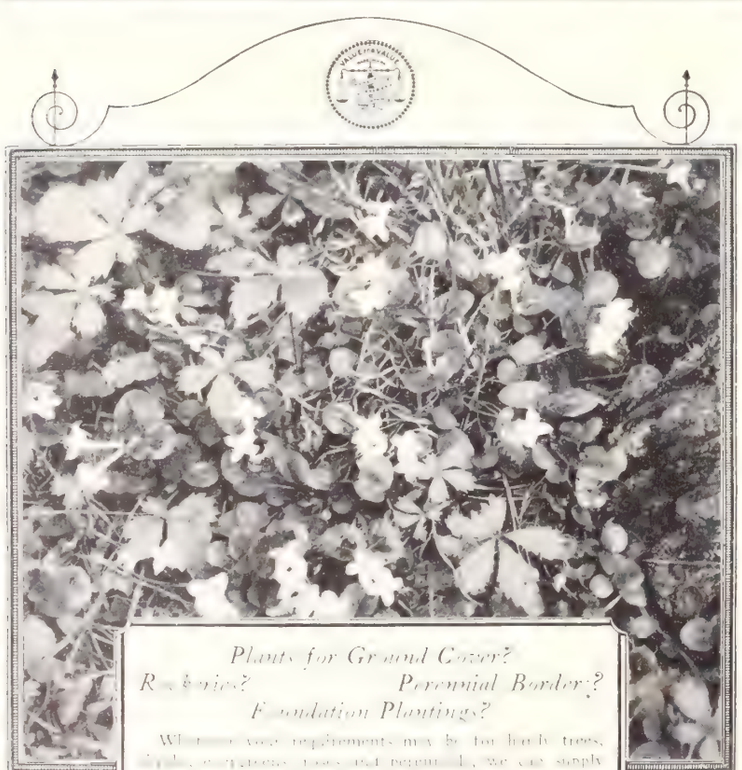
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North Abington, Mass.

FRUIT TREE CARE THE YEAR AROUND

(*Continued from page* 166)

crowns should be anchored by wires to three stakes when they are planted. When the frost is out in the spring the wires are removed.

Although manure should never be placed in the soil with the roots, a straw type can be used to advantage to cover the surface above the roots. It will keep the soil from drying out too much, and also minimize the heaving effect of alternate freezing and thawing during the winter.

The roots must be pruned when a tree is transplanted, for some are sure to be injured in the moving. These should be taken off. The twigs also are reduced to about one-half their length. This will help restore the normal balance between root and branch activity and make for a quick return to natural sap circulation.

Plant in Fresh Soil

Never plant a tree where one has been before, for the older tree will have exhausted the soil. In planting, the roots should be carefully spread so that they extend in all directions, while some of them should parallel the surface at a depth of a few inches. These will find a large percentage of moisture and soil chemicals, and provide the greater part of the food taken up by the tree. Other roots go diagonally, while others go straight down. These help to anchor the tree.

The tree, when planted, should not be higher or lower in the soil than it was in the nursery. Where the white of the root neck and the green of the trunk unite is the correct depth. Root neck and grafting wound are never to be placed below the surface; if they are, cancer will develop and the crown be weakened. In the case of grafted trees, too deep planting results in the formation of new roots, those of the stock gradually die off, and in time the tree becomes independent of its stock. This renders it infertile.

On the other hand, when the tree is planted too high, many suckers or root shoots are developed. Every one of these must be carefully removed, as they are absolutely worthless and only steal the food supply from the crown.

Never prune a young tree unnecessarily. It should develop a large number of leaves in the spring, which in turn causes many new roots to be formed. Should the young tree produce flowers in the spring they should be pinched off, that production of fruit may not weaken the tree during its first year in the new site.

The young fruit tree will produce a number of shoots during the first summer, but all are to be pruned off unless they belong to the crown. The center of the crown should be kept open and free, but no branch of it should be prevented from developing strong and robust shoots so long as they are in the correct position and do not return into the crown. During the second spring the branches are pruned back to four eyes, care being taken that the cuts are below the eye and point downward.

Larger fruit trees must be thoroughly pruned from time to time to lighten the crown so that more air and light may enter, and to remove those branches which give the whole tree a peculiar appearance. Bushy small trees with short trunks are b pruned during the winter. Here leaf buds are removed with the e ception of two resting buds, and t main branches are shortened to abo half their length. The head or te minal branch is removed in its e tirety. All twigs carrying flower bu must be left.

Correct pruning calls for absolu knowledge of the various types c buds, for each fruit tree has tw separate kinds of branches; the fir produce the leaves, the second for the fruit. The former are slend and carry long, pointed buds whic when they open, produce other lea buds. This practically always occu on terminal buds, for the sap pre sure is here felt to its greatest exten Where this pressure is lessened (tha is, where the buds are found at lower level) they will, in the cours of two years, be changed to flowe buds. The terminal buds are thos which produce elongated or upwar growth. The side buds are lateral o secondary.

Flower buds are easily identifie because they are thick and round They are generally found on shor fruit shoots which contain, beside them, a few leaf buds which form woody growth.

Buds and Spurs

Apple and pear trees contain thre types of flower buds and spurs, easil distinguished by their form. The firs is a narrow, slender shoot, its length varying from 4 to 12 inches, found on any part of the tree. It is similar to a woody twig but differs in that one or two round fruit buds are situated at its extremity. This typ may go over into the two remaining forms.

The second fruit spur is usually much shorter than the former and possesses a smooth bark. In length it varies between 2 and 10 inches. I is quite straight and carries a conical shaped bud at its tip. This later becomes spherical and forms a flowe bud. These two types of twigs are the most common fruit carrying spurs met in Apples and Pears.

The third type of spur is seldom longer than 2 inches. Its form is very characteristic, since its bark is wrinkled into distinct and close rings. The growth of this twig is exceptionally slow. Its tip produces flower and leaf buds. Trees forming large numbers of it are usually heavy bearers. These twigs should never be pruned.

Stone fruits have one more characteristic fruit spur, a short, thick, massive one which is not so well developed in the Peach. This is thickly spattered with flowering buds, the tip being provided with a leaf bud.

The end buds of a stone fruit tree always produce leaves. The flower buds are developed singly on the sides, the exeception being the clustered flower buds as mentioned.

The reaction of Apple and Pears to the pruning knife is entirely different from that of the stone fruits. The latter seldom produce new shoots from old twigs, and develop fruit only on one-year-old and mature

(*Continued on page* 170)



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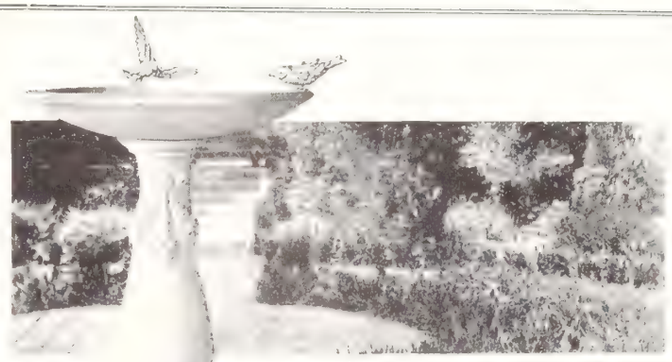
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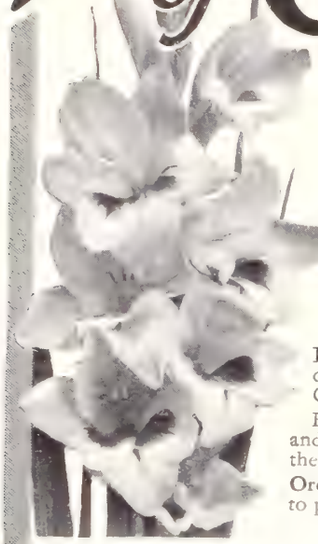
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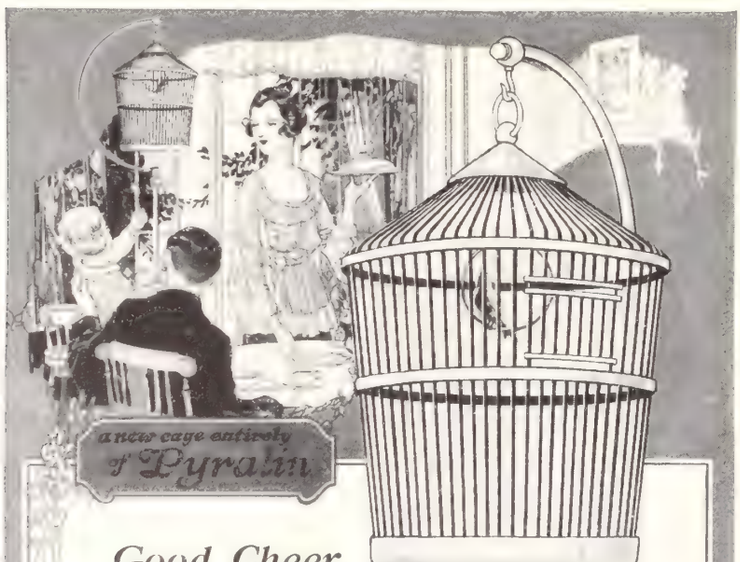
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FRUIT TREE CARE THE YEAR AROUN

(Continued from page 168)

branches. Apples and Pears readily produce new shoots on older pruned branches, and usually bear fruit on more mature and thicker limbs. Few species develop fruit on year-old shoots.

In pruning fruit trees other than the stone sorts, the terminal twigs should be shortened about 1-3, one year's growth being taken as a basis. This forces the buds below the cut to grow. The flower spurs developed by this method are also shortened so that flower buds are formed. All superfluous leaf and woody growth of the last year is pruned back so that only short ends remain. This will stimulate the formation and development of the resting fruit buds. All twigs and branches with exhausted fruit spurs must be rejuvenated.

Pit fruits should not be cut too often. It stimulates resin flow and formation as well as forcing the growth of wood and woody tissues so that fruit buds are hardly, if ever, brought to maturity. The young stone fruit tree should be pruned only lightly during its first three years of growth, and then only the main branches are to be somewhat shortened. Older trees are pruned to lighten the crown, for the interlacing of branches within the crown must be avoided.

When older trees are pruned, the natural formation of their crowns must be preserved. The Apple has naturally wide crown and is broad pyramidal in shape. The Pear, on other hand, has a crown which is long, slender cone. Pit fruit trees more spherical in habit. All the shapes must be preserved wh pruning.

All water shoots or suckers m be removed when older trees a pruned. These always indicate th some particular thing is wrong w the soil. It may lack sufficient s salts, or lime, etc. These water sho are left standing only when it desired to employ one or the oth for the development of branches a limbs. Otherwise they should be r moved, for their tissue is soft a spongy and seldom matures sufficient to be of any real value. When pru ing, always remove branches with the crown which cross each other, r or interlace and make the crown t dense. Little should be found with the crown, so that plenty of light a air may enter.

Small wounds, produced by pru ing and lightening the tree, can l left without attention when the i jury is made while the tree is restin The larger wounds are covered wi tree wax or shellac dissolved alcohol. When the tree is correct pruned the fruit spurs can develo most luxuriantly and without inte ference from other neighboring twig

SOME GARDENS FROM SPAIN

(Continued from page 89)

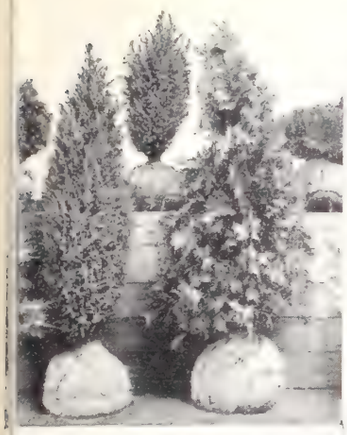
what and how to do in autumn and winter in order to enjoy more the flowers and the trees and the garden and the landscape. And he grows to enjoy the telling and does it ably and cheerfully, eloquently and enthusiastically, with no small literary excellency. At times his enthusiasm leads to what might be called exuberance, if not extravagance. For example, after declaring that "no flower is more beautiful in form and color and in the prodigal luxuriance of its bloom than the Cosmos" and on the following page that "next to the Cosmos in beauty are the Hardy Asters", he says, a few pages further on, "the Chrysanthemum is possibly the loveliest of all flowers" and two pages further on he states that "the Fringed Gentian is the loveliest flower that grows."

But all subjects of a practical character are treated in a common sense and thoroughgoing manner and most valuable service is rendered by putting together all the things that ought to be done in the fall and the winter. In a beautifully written later chapter he "reverts to the wild" and takes as his text "We are beginning to learn that our native plants grow better in our landscape than any others and we are fortunate in having a country rich in deciduous flowering shrubs and trees."

But again comes a chapter, full o wisdom, on Work in the Trees, an pruning all kinds of trees, shrubs an vines. His theory about the object o pruning is novel, quite novel, for i is that the object of pruning is to in crease leaf surface, which is bette done by lopping off the branches tha by thinning them out. His theor about the spirit of the landscap though, seems to be rational. It is tha ecological considerations, with an oc cult balance into which the huma and personal elements enter, mak Nature more beautiful.

For the regulation index is sub stituted a descriptive list of Usefu Trees, Shrubs and Plants, parts o which have been rewritten from th Check Lists of Plants in the Arnol Arboretum Bulletins, a work in whic Mr. Lay shared. There are some omis sions that to some persons it migh seem ought not to occur in a quit modern list, such as the Lenne Mag nolia, *Philadelphus Virginal*, and *Ro binia hispida*, while the Osage Orang would better not have been classed a a recommendable small tree on accoun of its being terribly subject to scale But it is a delightful book and fill well its place of the only book o gardening in autumn and winter.

F. B. M.



Your Success with Plantings

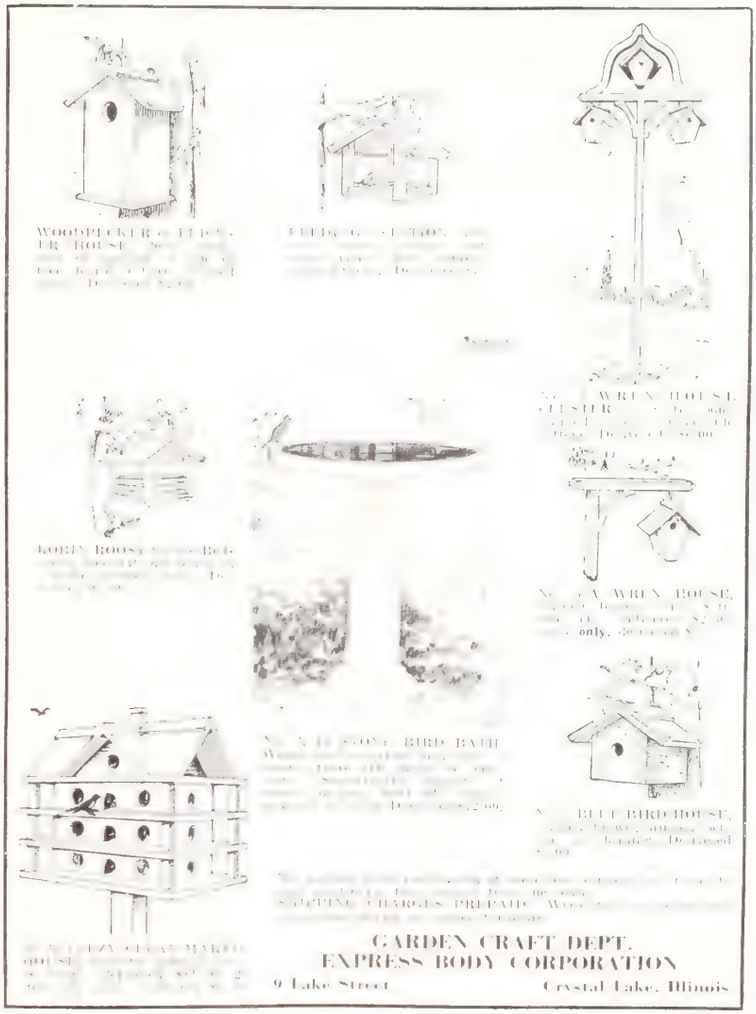
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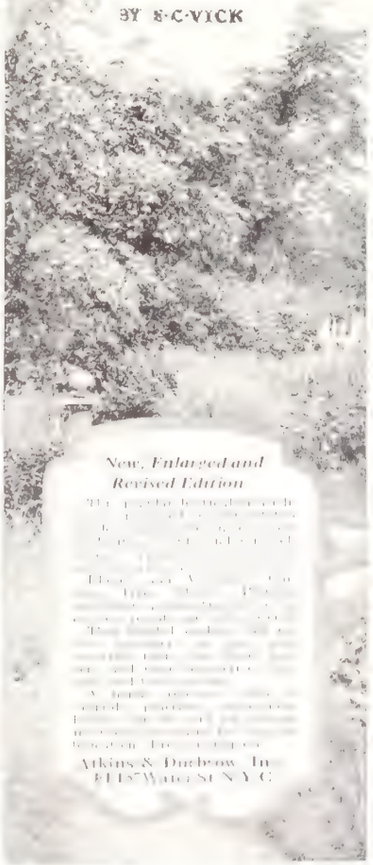
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For the Gardener's SCRAP-BOOK

WHAT'S IN A PLANT NAME?

FOR purposes of positive designation the scientific (usually Latin) names of plants offer by far the most reliable system of nomenclature. They are fixed and for the most part universal, whereas the common English names frequently vary in different parts of the country.

The Latin name ordinarily consists of two or more words. The first designates the family (Iris, Rosa, Viola, etc.) while those following indicate the species or variety, usually by setting forth some marked physical, historic or geographic characteristic. [illegible] system might be compared to the arrangement of names in a telephone directory: "Smith, Horatio, [illegible] Dealer", for example.

Many of these second and [illegible] names recur rather frequently in connection with different classes of plants. It is interesting to know something of their derivations and meaning as indicated by the following condium.

Abyssinicus: abyssinian
Acaulis: without stem
Acerbus: sharp or harsh
Aceroides: like a maple
Acuminatus: tapering or long-pointed
Acutifolius: sharp-leaved
Aestivalis: summer
Affinis: related to
Africanus: African
Ageratoides: like Ageratum
Aizoides: like Aizon, an evergreen plant
Alatus: winged
Alba, albus: white
Albidus: white
Alpestris: alpine
Altaicus: from the Altai Mts., in southern Siberia
Altissimus: very tall
Altus: tall
Amabilis: lovely
Amarus: bitter
Ambiguus: doubtful
Amoenus: charming
Amurensis: from the Amur Rive[illegible] gion in eastern Siberia
Anglicus: English
Angustus: narrow
Annuus: living only one year
Apenninus: from the Appenine M[illegible]
Arachnoides: spider-like
Arborescens: becoming tree-like [illegible] woody
Arboreus: tree-like
Arcticus: arctic
Arenarius: of sandy places



Is Your Garden Satisfying?

IT IS a wise plan to supplement your own ideas of a well planned garden by consulting with those who have made gardens and landscaping a life study.

Your garden, large or small, can be skillfully designed, supplied with selected, highest quality planting stock, and constructed, —all at moderate cost.

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[illegible] and Street New York



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For the Gardener's SCRAP-BOOK

WHAT'S IN A PLANT NAME?

genteus: silvery
...ticus: Asian
...lanticus: from the Atlantic region
...purpureus: dark purple
...sanguineus: dark blood-red
...icus: pertaining to Greece
...gustus: notable, majestic
...nticus: orange-red
...reus: golden
...riculatus: eared
...stralis: southern
...ureus: sky-blue
...learicus: from the Balearic Islands
...rbatus: bearded or barbed
...lus: handsome
...olor: two-colored
...ornis: two-horned
...nnis: biennial
...petalus: two-petaled
...innatus: twice pinnate
...ealis: northern
...ryoides: like a cluster, grape-like
...chiatus: branched at right angles
...chypodus: short-stalked
...lbifera: bulb-bearing
...lbosus: bulbous
...erulescens: becoming dark blue
...ruleus: dark blue
...panulatus: bell-shaped
...mpestris: from the fields
...adensis: Canadian
...diacus: white, white ...

Candidissimus: white
Capensis: pertaining to the Cape of Good Hope
Carneus: flesh-colored
Carpathicus: from the Carpathians
Caucasicus: belonging to the Caucasus Mountain region
Chinensis: from China
Chrysanthus: golden-flowered
Chrysophyllus: golden-leaved
Coccineus: scarlet
Coelestis: sky-blue
Communis: common, grassy
Compactus: dense, compact
Conspicuus: conspicuous, marked
Cordatus: heart-shaped
Cordifolius: heart-leaved
Coronarius: used for garlands
Crocatus: crocus-yellow
Cruentus: scarlet
Crocatus: saffron-colored
Crucifera: cross-bearing
Cultivatus: cultivated
Cuspidatus: with a sharp, stiff point
Cyaneus: blue
Dalmaticus: from Dalmatia
Dentatus: toothed
Lactucoides: lettuce-like
Dulcis: sweet
Dumetorum: ...owned in form, like the ...
Dianthus: ...

Dissitiflorus: loosely flowered

The Newer Shades in Roses



Such as Coral, Old Gold, Saffron Yellow, Terra Cotta and Oriental Red are obtained by planting Pernetiana Roses, and these roses are *only a success* when budded upon Rosamunc Stock. This distinction is quite noticeable in the rose Los Angeles which proves a failure when budded upon any other stock.

We submit, therefore, that this discrimination is a *great advance* and a *most important* factor in producing the popular colors so much in demand at the present day, and up to the present has not been appreciated by the rose-growing public. Our Hybrid Tea and Perpetual Roses are budded upon Multiflora and Manetti Stock.

Hardness of wood is essential as soft wooded roses die back badly when set out. Our plants have well ripened wood. Nowhere can you buy stronger plants.

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It is different as we do not pass along the description of the Hybridists as the roses grow in Europe but as they grow in our Nursery, always stating defects as well as merits.

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ROSE SPECIALISTS Route 2
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3 Decorative Ferns—Assorted varieties	1.00
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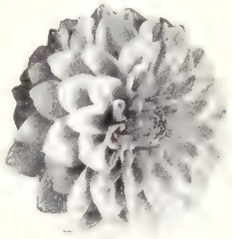
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For the Gardener's SCRAP-BOOK

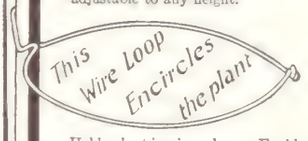
WHAT'S IN A PLANT NAME

Divaricatus: spreading, widely divergent
Elatior: taller
Elatus: tall
Ericoides: like heath
Excelsus: tall
Eximius: distinguished
Exoticus: from another country
Farinaceus: like flower, containing starch
Filamentosus: bearing or composed of threads
Filifera: bearing filaments or threads
Flabellatus: with fan-like parts
Flagellatus: whip-like
Flavescens: becoming yellow
Flavus: yellow
Florepleno: with full or double flowers
Floribundus: free-flowering
Floridus: full of flowers, flowering
Foliatus: with leaves
Formosus: beautiful
Fragrans: fragrant
Fulgens: shining, glistening
Fluvus: yellow, tawny
Gallicus: of Gaul or France
Gandavensis: belonging to Ghent, Belgium
Germanicus: German
Glaucus: grayish, with a bloom
Globosus: spherical, nearly glob
Glomeratus: clustered
Gracilis: slender, graceful
Grandiflorus: large-flowered
Grandifolius: large-leaved
Grandis: large
Helveticus: of Helvetia, Swiss
Herbaceous: dying to the ground, not woody
Himalaicus: Himalayan
Hirsutus: hairy
Hispanicus: Spanish
Horizontalis: horizontal
Hortensis: belonging to the gard
Humilis: low-growing
Hyacinthus: sapphire-colored
Hybridus: hybrid, mongrel
Ibericus: of Iberia (Spanish penins
Ilicifolius: holly-leaved
Italicus: Italian
Japonicus: of Japan
Kewensis: belonging to Kew (E land)
Lacetus: milk-white
Laevigatus: smooth
Lanuginosus: woolly, downy
Latifolius: broad-leaved
Longiflorus: long-flowered
Longifolius: long-leaved
Lutescens: becoming yellow
Luteus: yellow



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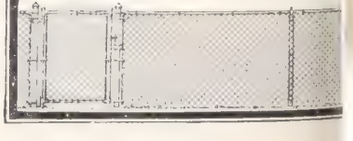
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"The World's Greatest Iron Fence Builders"



For the Gardener's SCRAP-BOOK

WHAT'S IN A PLANT NAME?

...rantiacus: large-flowered
...aculatus: spotted
...ialis: of May
...ajor: larger
...aritimus: of the sea
...eagris: spotted
...icrophyllus: small-leaved
...inimus: smallest
...irabilis: wonderful
...ollis: soft
...ontanus: pertaining to mountains
...ualis: pertaining to snow
...weboracensis: of New York
...identalis: western
...oratus: fragrant
...fficinalis: medicinal
...ientalis: eastern, oriental
...rnatus: adorned, ornate
...llidus: pale
...dustris: marsh-loving
...niculatus: panicled
...tens: spreading
...rennis: living three or more years
...rspicuus: clear, transparent
...matus: with leaflets on...
a main leaf axis
inceps: princely, first
...cumbens: lying on...
...ratus: lying flat
...nifolia: plum-leaved
...eud: not genuine, not typical
...bescens: downy
Humilis: dwarf
Punctatus: dotted
Quinquefolius: five-leaved
Racemosus: flowers in racemes
Radicans: rooting
Repens: creeping
Reticulatus: netted, net-veined
Rotundifolius: round-leaved
Rugosus: wrinkled
Rupestris: rock-loving
Sanguineus: blood-red
Semperflorens: ever-flowering
Sessilis: without stalk
Sylvaticus: pertaining to the woods
Silvestris: pertaining to the woods
Sinensis: Chinese
Speciosus: showy
Spectabilis: spectacular, remarkable
Stellatus: starry
Striatus: striped
Suffruticosus: slightly shrubby
Tataricus: of Tartary
Trifolius: slender-flowered
Uncinatus: hooked
Vegetus: vigorous
Vernalis: of the spring
Versicolor: variously colored
Verticillatus: arranged in a whorl around the stem
Verginalis: virgin
Verginicus: of Virginia
Vulgaris: common

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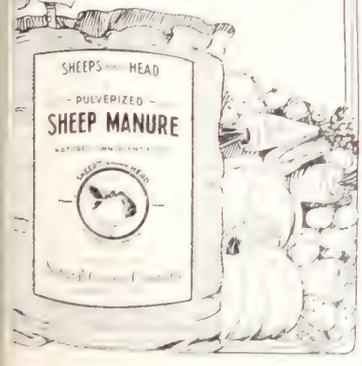
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It cuts the work in half by making every stroke count. The double-edged hoe-like blade cuts the weeds, pulverizes the soil while the sides act as guards showing exactly how close you may go to the plants.

In order to more widely introduce the Gilson Dubl-Duti we make the following

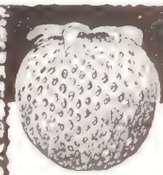
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HOUSE & GARDEN



Interior Decoration Number

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A HOME built of Bishopric Stucco will give you the greatest possible return in comfort and satisfaction.

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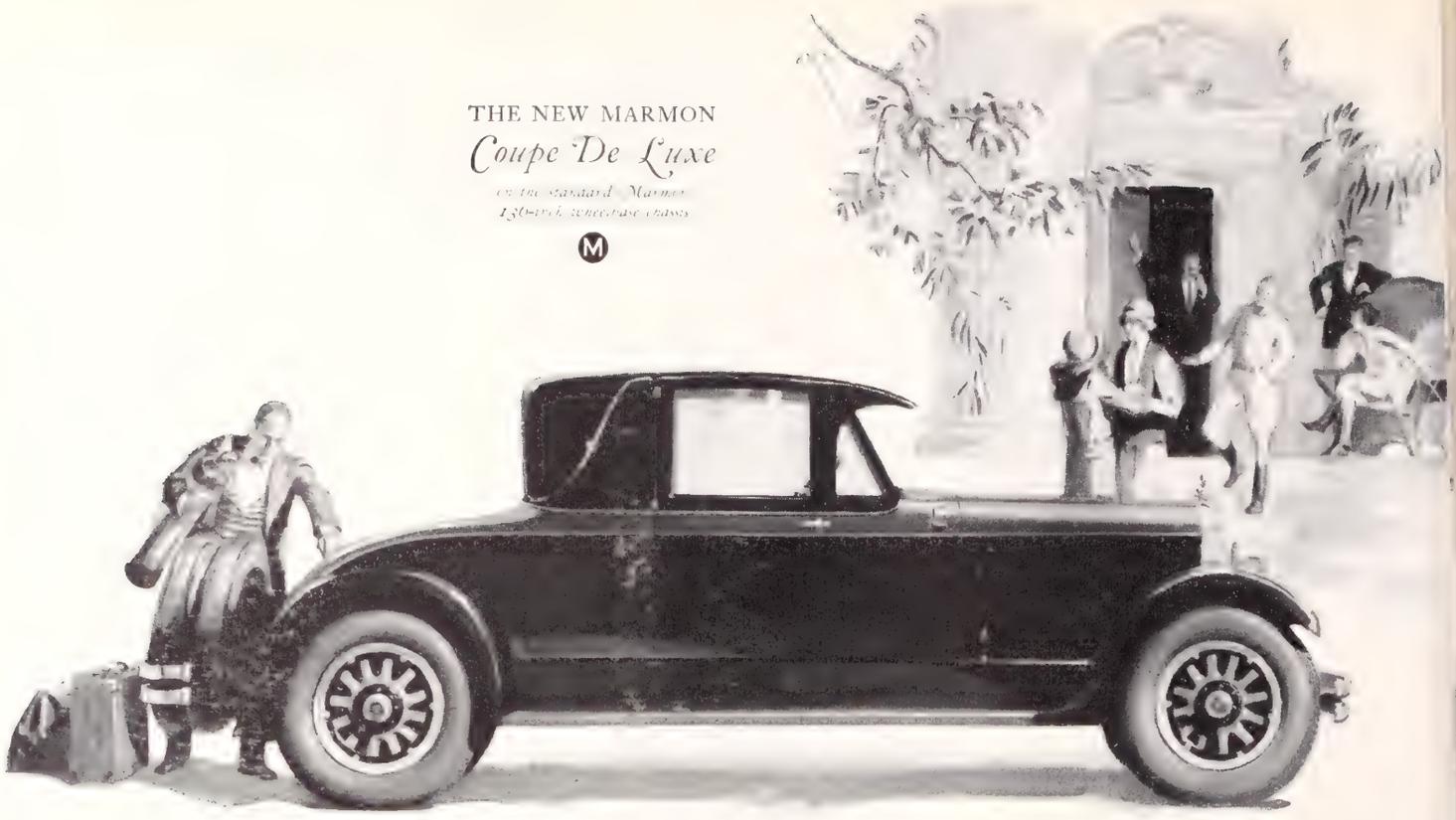
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BISHOPRIC

THE NEW MARMON

Coupe De Luxe

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NEW MARMON *DeLuxe* MODELS

THE reception given the NEW MARMON De Luxe Models in exclusive circles more than confirms our belief that no finer cars are available in America today, regardless of price.

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"It's a Great Automobile"

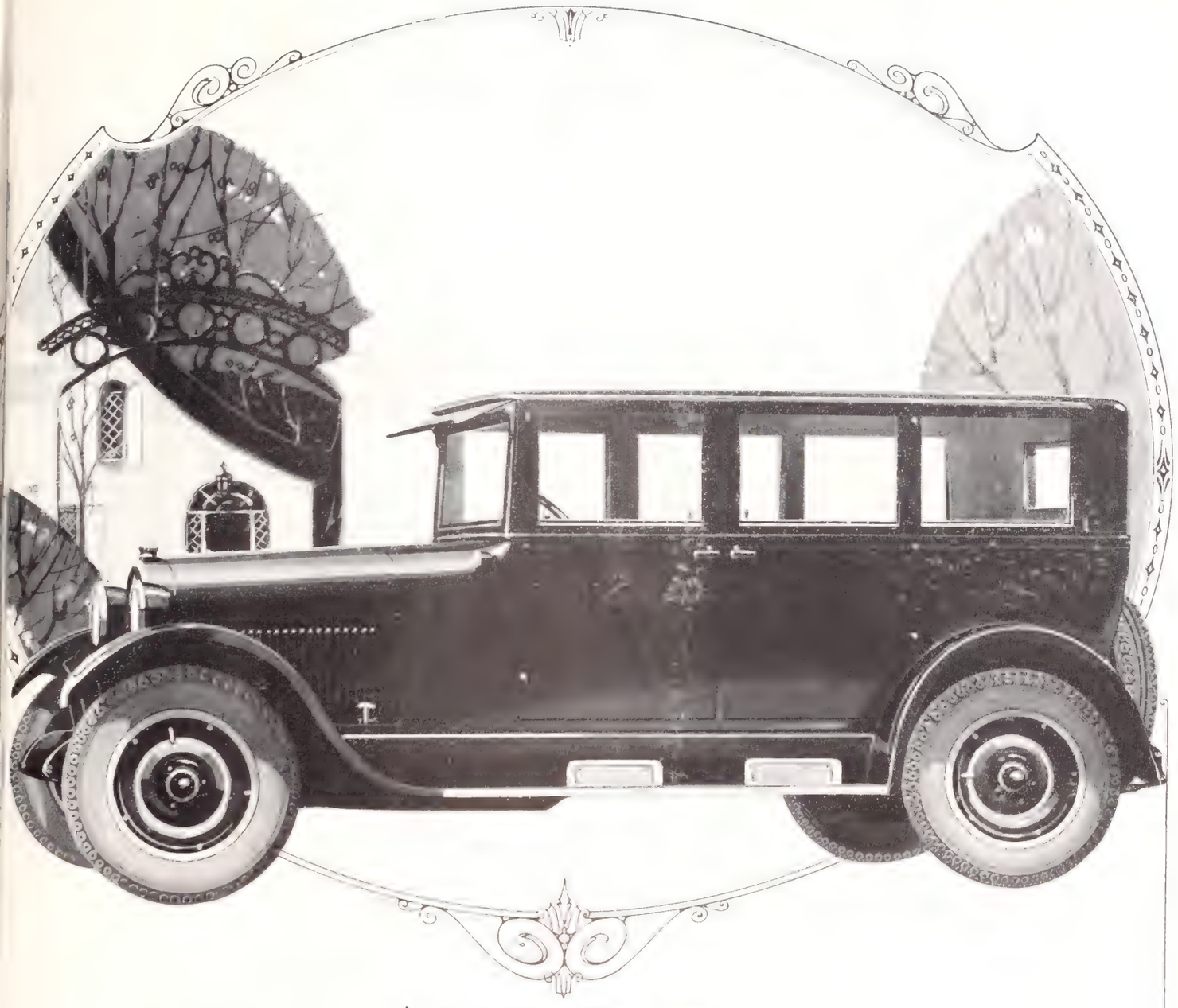
Also — the same Marmon chassis and engine with the New Marmon Standard Four Door Closed Cars at practically the price of the open car. Various models from which to choose.

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Reo Motor Car Company Lansing, Mich.

REO

The Gold Standard of Values



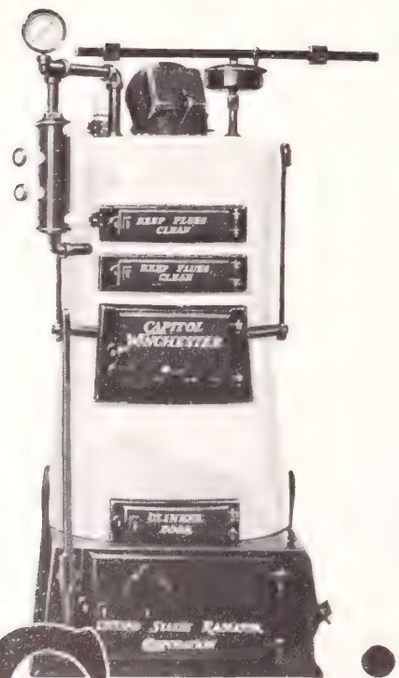
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". . . . and they came upon a small house set back from the road amid the protection of great trees and the gay companionship of flowers—a small house reflecting character and dignity together with a certain gentle friendliness—beautiful and strongly built, **with walls of natural stone** which vines would, in time, love to climb and which the passing years would not destroy but only make more mellow . . . . ."

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No other building material has the same loveliness of coloring and texture, and the same extreme durability. Its cost is only slightly in excess of that of less durable materials.

Our Portfolio of small house designs, conceded to be one of the finest collections of its kind to be issued by any building material producers, will be sent upon receipt of 5c. Address Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana

In the house illustrated, ro[illegible] Indiana Limestone [illegible] ashlar [illegible] of the stone **set in the wall** [illegible].




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CRETONNES AND CHINTZES FOR SPRING

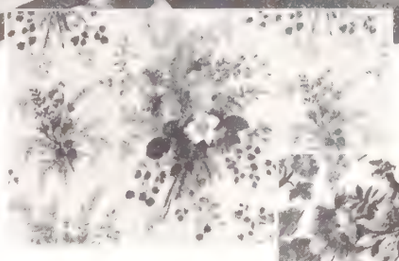
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Whether you have a big house to furish or refurnish, a small cottage, a hotel, bank, a school, or a country club, you ill profit from both the excellence and he economy of *this* service.



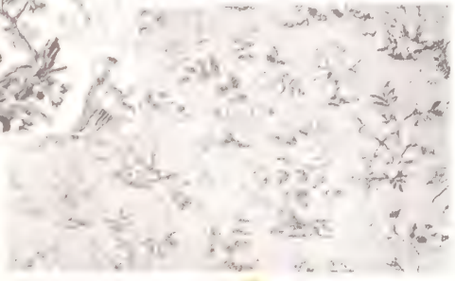


Detail of cretonne for dainty bedroom treatment in town or country house. Clusters of feathery ferns, maidenhair, blue bells and moss roses on a background of green, yellow or cream. 89c a yard. 36 inches wide.



The curtains in the pleasant corner illustrated above are natural colored shiki silk. $1.74 a yard. The henna colored fringe complements the treatment. 34c a yard. The chair slip cover has a parchment ground, with blossoms in red. (Detail shown above.) $1.88 a yard. 36 inches wide.



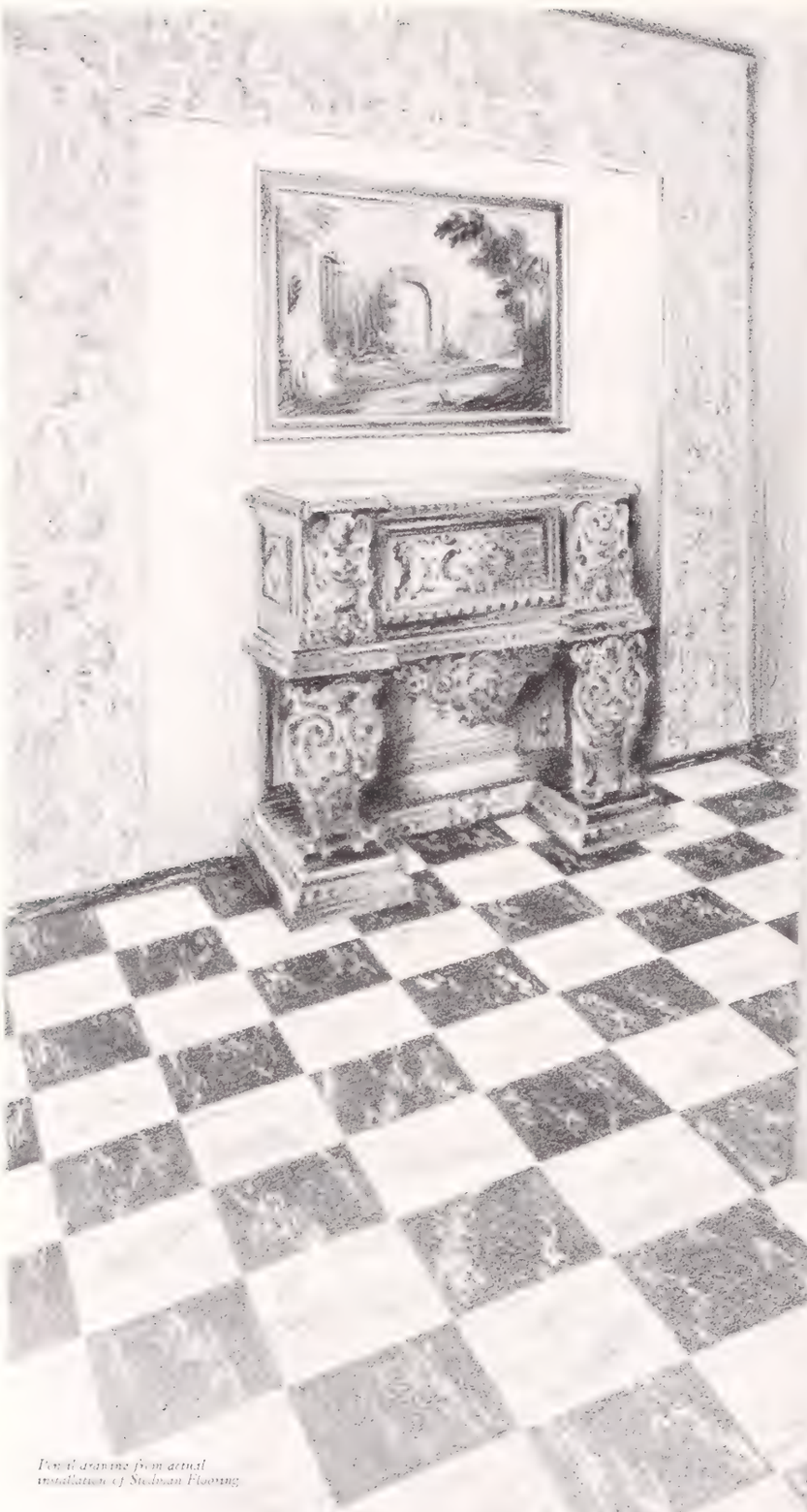


Toile de Jouet designed by Huet. For slip covers in the town house or bedroom curtains in the country home. Blue, rouge, mauve, or tan on light ground. 89c a yard. 31 inches wide.

Old English print chintz. Effectively used for curtains and slip covers in country houses. Yellow, blue, or early American maple color ground, with gay little flowers and birds. 94c a yard. 36 inches wide.

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STEDMAN Reinforced Rubber Flooring has all the life, warmth and soft colorings that make it a floor of character—a floor worthy to be the foundation upon which rests your whole scheme of decoration.

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The initial cost is slightly higher than ordinary flooring, but there is no further cost.

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Interior decorators and architects specify Stedman Flooring for the better class of homes, clubs, offices, churches, schools, banks and hospitals.

We will be pleased to send you prices and tell you how Stedman Floors can be obtained for one room or many.

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There are suitable pieces of Danersk Furniture for every room in the house.

For the Sun Room, there are quaint



A Brittany chair and Boston spool table of mellow-toned maple and copper-print chintz. Courtesy of House and Garden.

Brittany chairs, of maple and copper-print chintz! Butterfly and tavern tables! A curly maple desk, with compartment devised to hold the radio—a wing couch made on the lines of a Pilgrim bench, but changed to proportions of luxurious comfort.

FOR the Dining Room, there are Plymouth cupboards with hidden trays for silver and linen; a draw-top table containing its extension leaves within itself, cozy for few, immediately ample for many, by the simplest means of pulling out the leaves. Eighteenth Century groups of Cuban mahogany; piec in maple and white walnut, finished in mc low amber tones of old wood.

And then there are mirrors—desks—whc groups and single pieces for the Living Roo and Bedroom.

But why try to tell you on a single page? The on way is for you to come and see, and the only plac are our Chicago, New York, and Los Angeles sho rooms.

The subject of the right furniture for your house worthy of close study, time, attention and real sacrific if need be.



The Litchfield secretary desk and Spanish foot fiddle-backed chair. Courtesy of House and Garden.



The Sulgrave highboy and side chair—burled walnut and herringbone inlays.



The accessories in these illustrations furnished by Scott L. Robertson, Inc.

Part of Sulgrave set, of beautiful burled woods and inlays.



The fine trumpet turnings and scalloped stretches of a rare old six-leg highboy were the inspiration in design for this draw-top dining table.

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QUEENSWARE is the name given in honor of Queen Charlotte of England to that beautiful, lustrous cream-colored ware invented by Josiah Wedgwood in 1761, after years of experimenting with the crude domestic pottery then commonly made in Staffordshire. Though widely copied and imitated for over a century and a half, real Queensware has remained to this day a distinctive and exclusive product of our Etruria Potteries.

In developing this new pattern — *California* — the Bragrance shape in Queensware was chosen owing to the beautiful embossing on each piece. The design embodies the chief fruits of California, the natural colorings harmonizing perfectly with the rich cream color of the ware itself. The decoration is under glaze, hence permanent . . . . Queensware, in this and many other charming patterns, is carried in the stores in open stock.

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The price of the new Studebaker Big Six Sedan is low, simply because of Studebaker's large production, vast physical and financial resources, and the complete manufacture of body and chassis in Studebaker plants. To pay more is extravagance. To pay less means a sacrifice of service and comfort. The price, $2575 f. o. b. factory, includes front and rear bumper and extra tire.



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There is no way to keep the inside of a small pipe from rusting except by making it of a non-rusting material.

When conductor pipes, gutters and roofing are made from Horse Head Zinc, they cannot rust. They require no protection inside or out. They will last as long as the building they adorn.

Yesterday — in

Today even the simplest home can have this hidden comfort

Bare facts so strong they are being told only after three full years of proof



THREE years ago owners of costly homes were enjoying a degree of comfort that few men could give their families.

It wasn't costly furnishings—rich rugs, period furniture, tapestried walls. It was something hidden, something built into the house itself.

In winter it gave every room an even, healthful coziness—and saved enough on fuel to run a motor car. In summer it kept the whole house pleasantly cool. It produced a restful quiet.

And so, people in these costly homes were living better, sleeping better, enjoying a healthful comfort denied to most home-builders.

Then, suddenly, this hidden source of greater comfort was made available for *every* home. New possibilities of home construction were opened up. New standards of comfort and healthfulness were established.

The facts follow—facts so unusual that we have waited three full years to tell them. Now, backed by the accumulated proof of these years, they are set before you.

The secret of greater comfort

The secret of the greater comfort of costly homes is, in a word, insulation—heat-insulation. There is no mystery about it. Any architect or engineer can explain it to you fully.

Insulation is a scientific means of stopping the passage of heat.

In the walls of your ice-box it keeps heat from getting in. In the walls of your fireless cooker it keeps heat from getting out.

Similarly, in the walls of a house, insulation keeps heat inside in winter and outside in summer.

Hence, in costly homes, architects have for years used insulation to do what wood, brick, stucco and other ordinary building materials cannot effectively do.

With insulation they have prevented a 25 to 35 per cent heat loss. (Scientific tests show this much heat leakage through the solid walls and roof of a home built without insulation.) With insulation they have made homes that are delightfully cool in summer. Homes that are free from draughts, quieter, more healthful, better in every way.

Yet, hitherto, they have been able to do this only at extra cost—a cost prohibitive to most home-builders.

The most important building story ever told

Then, three years ago, an amazing new building material was given to the world—a wholly new material, different from anything made, grown or mined.

It was called Celotex Insulating Lumber.

Celotex made it possible for the first time, to build a completely insulated house practically without extra cost. It brought to every home a comfort few had before.

Since it was put upon the market Celotex has completely demonstrated its remarkable qualities. It has been built into thousands of homes. In every part of the United States it has revolutionized home-building ideas.

No building story has ever been of such importance to home owners as this story of Celotex—what it is, how it is used, and what it does.

What Celotex is

Years of scientific research lie back of the Celotex story. A long period of investigation and experiment developed the fact that sugar cane fibre (bagasse), one of the longest and toughest fibres known in any plant or tree in the world, possessed the remarkable qualities necessary for the fabrication of a revolutionary building material.

A way was found to fabricate these fibres into building lumber which contains millions of sealed air cells—the most efficient form of insulation known to science. Today a mammoth plant in Louisiana is producing millions of feet of it a year. It comes to you in broad, clean boards—strong, rugged, durable, possessing qualities that have made it the sensation of the building world.

Values never before known in any ONE *material*

Celotex is insulation. It has insulation value equal or superior to that of any practical and available insulating material on the market.

Celotex used on exterior and interior walls, is equal, as insulation, to three and one-third inches of solid wood, twelve inches of solid plaster, twelve inches of solid brick, or twenty-four inches of solid concrete!

Celotex has a greater ability to prevent the transmission of sound than deadening felts, and *eliminates* the use of such materials.

Celotex is a structural material. In walls it has many times the structural strength of the wood sheathing it replaces. This is a quality that no other insulating or sound-deadening material possesses.

Celotex, by *combining* for the first time these three great advantages, enables you, at practically no extra cost, to secure fo your home all the benefits of insulation.



Snow upon the roof of an uninsulated house when unoccupied melts rapidly due to the heat escaping through the materials with which the roof is built



Snow upon the roof of an insulated house is like snow upon the roof of an unoccupied house. It stays much longer, because there is no escaping heat underneath to melt it

How CELOTEX *is used*

Old types of insulation were extra material placed between the walls of homes—ar added expense. Not so with Celotex Wherever used, Celotex *replaces* wood anc any form of insulation.

You use Celotex on the outside walls of your house and under the roofing, in place of the wood lumber known as sheathing. Test after test by unquestioned authorities has proved that a wall sheathed with Celotex is many times stronger and more rigid than one as ordinarily sheathed with lumber.

This use of Celotex gives you heat-insulation without extra cost.

You use Celotex in place of lath, as a plaster base. Plaster bonds with Celotex and produces a wall several times as strong as one made with lath and plaster. And a wall that is less likely to crack.

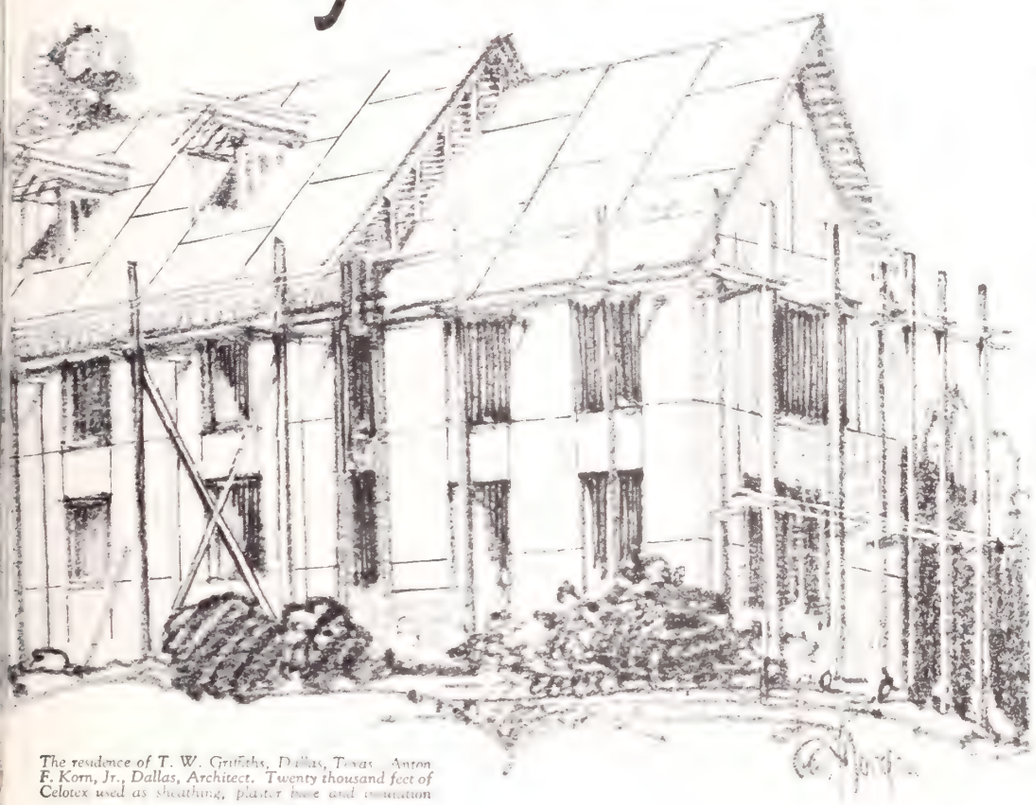
This use of Celotex also gives you heat-insulation practically without extra cost.

Thus Celotex gives you a home that is not only stronger but a home far more comfortable and healthful—yet costing little, if anything, more than the ordinary kind.

YOU *can have a home like this*

It is easy for you to have a warmer, better home than any old-type, heat-leaking home in your neighborhood. Simply specify Celotex Insulating Lumber for sheathing, plaster base, interior finish, roof insulation.

costly homes alone



The residence of T. W. Griffiths, Dallas, Texas. Anton F. Korn, Jr., Dallas, Architect. Twenty thousand feet of Celotex used as sheathing, plaster base and insulation

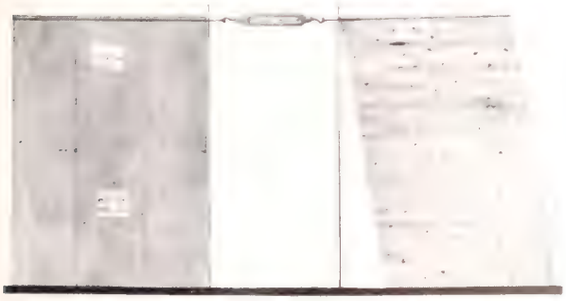
ur home, so built, will have no old rooms," or "cold sides" when the nd blows from certain quarters. It l be free from draughts. You will d it easy to maintain an even, health- temperature. And *your fuel bills will cut one-fourth to one-third.*

If you live in a warm climate, Celo- will give your home a new degree hot-weather comfort. During the whole summer your home will be cooler. There will be no stifling upstairs rooms at night. A restful, nerve-relaxing quiet will pervade it. In it you and your family will live better, happier lives.

If you are going to build your own home, use Celotex. If you are going to buy a completed home, make sure that Celotex has been used in its construction. If you are having a house built for you, insist upon Celotex being used. Celotex is everywhere available. There is no reason why you cannot have its advantages.

New standards of construction are being established by Celotex. Buyers of the future will be guided by them. Safeguard the future resale value of your home, as well as its present comfort—with Celotex.

Your architect, contractor or lumber dealer will be glad to talk these matters over with you. Write us for additional information on the value of insulation and how you can use Celotex Insulating Lumber to secure it without extra cost. Fill out and mail the coupon—now.



At a pressure equivalent to wind or tornado-pressure, frame sheathed with Celotex Insulating Lumber was only slightly out of plumb

At 3/5 of this pressure frame sheathed with ordinary wood was racked more than 11 times as much as Celotex

ese pictures illustrate the results of a test made by the engineering laboratories of Bureau W & Company to determine the relative strength of Celotex and wood at the corners. It was nonstrated that a wall sheathed with Celotex is several times as rigid as a wall as ordinarily sheathed with lumber

THE CELOTEX COMPANY
645 North Michigan Ave.
Chicago, Illinois

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(See telephone book for addresses)

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FACTS *about* CELOTEX

Celotex comes in stock sizes: Thickness, 7/16 of an inch; width, 4 feet; lengths, 8 to 12 feet.

The weight of Celotex is about 60 pounds to the hundred square feet, making it easy to handle and economically applied.

Celotex is sawed like ordinary lumber and is nailed directly to all framing.

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Celotex is waterproofed. It can be painted and used as exterior finish.

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Celotex has many uses other than in homes. Mail the coupon for full information on any of the following:

Interior wall finish—the interesting fabric surface texture of Celotex makes it admirably suitable for interior finish in many forms of beautiful wall treatment. It may be left in its pleasing natural finish, or painted, stained or stenciled.

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Refrigerator cars—Celotex is in use as insulation by the leading railroads and car builders of the country in more than 13,000 refrigerator cars.

Shipping boxes—specially manufactured Celotex, strong, light in weight, waterproofed, pilfer proof, thousands in use.

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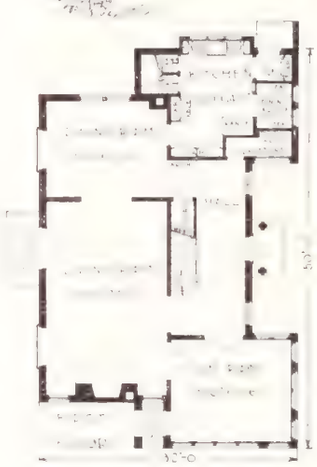
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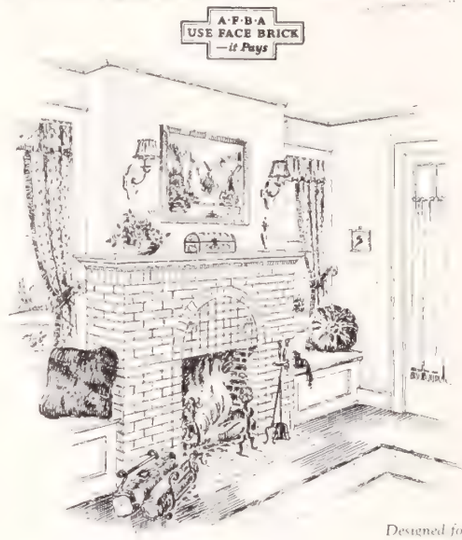
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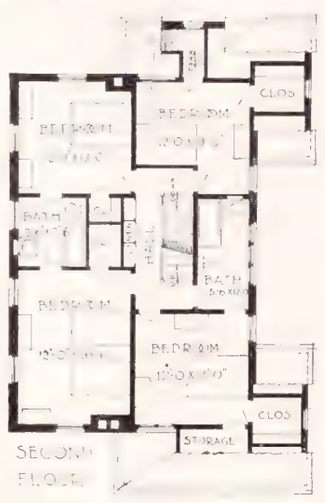
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INSULATING LUMBER

"THERE IS A USE FOR CELOTEX IN EVERY BUILDING"









HOUSE NO. 805

Designed for the Service Department, American Face Brick Association

This attractive house illustrates the character of the designs shown in our "Face Brick Bungalow and Small House Plans."

Think Before You Build

TO most people a home means an investment for a lifetime. A misstep is a serious matter. That is why it is worth while to think before you build.

Many learn too late that they might have had the beauty and the permanence of a Face Brick house at an actual saving over a period of years. But each year—as home-builders appreciate more the relation of depreciation, up-keep, repairs, painting and fuel costs to home-owning—the number of Face Brick houses increases.

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"The Story of Brick" is, as one reader says, "a liberal education in home-building." It gives just the information the prospective builder wants. Sent free.

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"The Home Fires," a most attractive fireplace book, with many designs, gives full directions for fireplace construction. Sent for 25 cents.

"A New House for the Old," will tell you all about restoring an old house with a beautiful, permanent overcoat of Face Brick. Sent free.

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Armstrong's Linoleum *for every floor in the house*



Look for the CIRCLE "A" *trademark on the burlap back*

A New Conception of Linoleum and a New Conception of Floors

PRETTIER rooms! Rooms of color! The last few years have brought in a growing vogue for brighter, more cheerful interiors.

Color and design in floors is part of this decorative trend. For in any room the floor is always the biggest expanse that meets the eye. The floor must complement or contrast with the other furnishings.

Eight years ago the makers of Armstrong's Linoleum established their Bureau of Interior Decoration. They had a new conception of linoleum. They saw linoleum not merely as a durable, sanitary, easily cleaned floor, but as a floor of beauty.

Today in all the finer patterns and colors Armstrong's Linoleum is designed and made with the idea—

First, that it shall be bought with an eye to its beauty,

Secondly, that it shall be laid for permanency, with cement, over a lining of builders' deadening felt (no tacking), and,

Thirdly, that it shall be waxed and cared for as any fine floor should be.

Very soon interior decorators saw the possibilities of color in floors. Architects, too, became interested in the idea. Women were quick to see what fine floors the newer and better designs in Armstrong's Linoleum would make for their best rooms.

Many interesting designs have been developed. There are rippling two-tone Jaspés (the living-room floor in the picture is the new Jaspé tile), dignified inlaids, rich marble tiles, quaint Dutch patterns, and attractive carpet and matting effects.



At good stores you can see these new designs and colorings and arrange for modern laying. If you want help and advice on particular problems of decoration, describe your rooms, and our Bureau of Interior Decoration will give you individual suggestions. No charge.

A new book on home furnishing and decoration

Agnes Foster Wright of New York is an authority on interior decoration and a writer for House and Garden and other magazines you read.

Her recent book, "Floors, Furniture, and Color," includes color ideas for decorating different rooms, and gives advice that will help make your home more attractive. You may buy it from us for twenty-five cents. (In Canada, 60c.)

Armstrong Cork Company
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844 State St., Lancaster, Pa.





"Failure" or "Success"

—*Which does your home reflect?*

THE world believes what it reads in the outward appearance of your home. Poorly kept surfaces mean failure in the eyes of the world—an attractive exterior reflects success.

To win the respect and admiration of your neighbors beautify and protect your home with Devoe Paint—time-tested and proven, guaranteed by 171 years' paint experience. It takes fewer gallons—costs less per job—looks best.

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This is a full size reproduction of Herringbone Double Mesh Lath. Note the fine, plaster-saving mesh. Metal lath of Armco Ingot Iron is made only by The General Fireproofing Co.

Made Permanent by Herringbone

THE most beautiful walls *can* crack. The finest ceilings *can* be disfigured by lath streaks and checks. These things are to be expected when you build the ordinary way.

But *not* when the plaster is reinforced and preserved by Herringbone Metal Lath.

Metal lath, of course, is superior to the old fashioned wooden kind. And Herringbone possesses certain definite advantages over all other metal lath. It has a remarkably fine, small mesh, which literally becomes embedded in the plaster.

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You can easily understand how Herringbone Metal Lath cuts down depreciation—saves replastering, frequent repapering and redecorating. And what an effective barrier against fire!

Ask your architect or builder about Herringbone. He will tell you it has many other advantages. And most remarkable of all, it costs but little more than ordinary wood lath—actually less in the end.

Write for our instructive booklet, "Building for Permanence and Beauty." It will interest you.

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G-E Herringbone Rigid Metal Lath



Mr. JOHN DREW CHOOSES QUAKER SHANTUNG NET FOR HIS EAST HAMPTON, LONG ISLAND, HOME

When the decorator specified net for this window he assured Mr. Drew of two things: perfectly diffused light and privacy; when he said "Quaker" he assured him durable beauty and lasting satisfaction.



There Are Two Sides To Every Curtain Question

The Inside—The Outside

Whatever your special curtain problem may be there are two questions you must always consider when you choose your curtaining —

(1) *Do your windows make a harmonious picture from the outside?*
(2) *Are your curtains transparent from the inside?*

You have only to examine the two photographs above to see how eminently satisfactory an answer to both questions Mr. Drew found in Quaker Shantung Net.

No doubt about the beauty, none about the transparency and soft transfusion of light; and from the outside the delicately traced rose pattern of the Quaker net is thrown into relief, while the curtain itself becomes a picturesque screen which insures a peaceful privacy within.

Net is the correct answer to every curtain problem and the name "Quaker" is a quality mark in net curtaining like the karat mark in solid gold.

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"Decorators' Methods of Window Curtaining" a booklet by Philip H. Pratt, Head of Interior Decoration, Pratt Institute, will be mailed to you on request.



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DO NOT IMAGINE that a baby grand costs in proportion to the beauty and pleasure it gives to your home.

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Furthermore, it is an instrument of unmistakable quality, yet, so small that it requires no more space than an upright. It has that resonance and beauty of tone which are the results of 102 years of fine piano-making.

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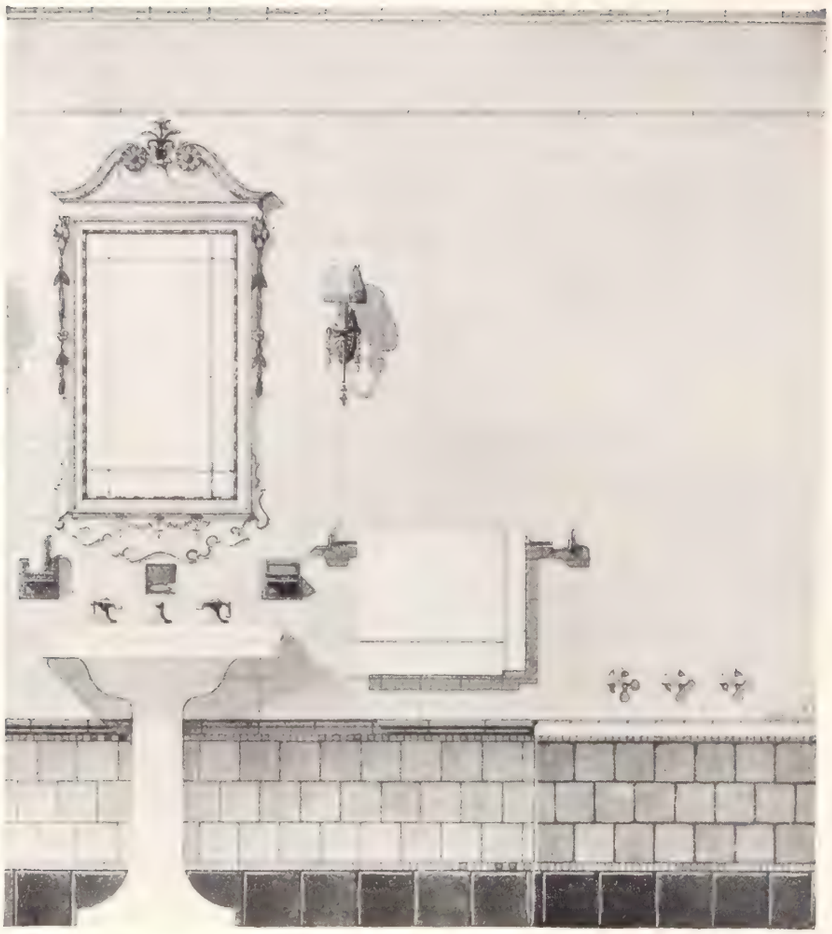
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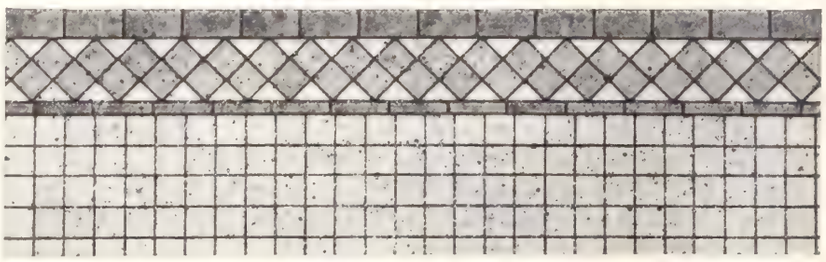
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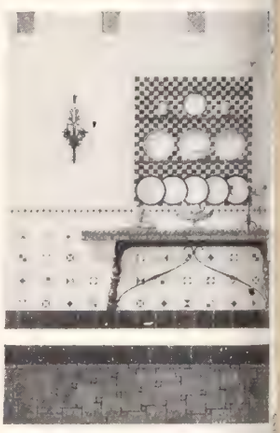
Swiss Breakfast Room





SECTION OF FLOOR
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Spanish Dining Room



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These period motifs are correct, authentic, and in the true spirit of their respective periods. They are adaptable and appropriate for houses large or small.

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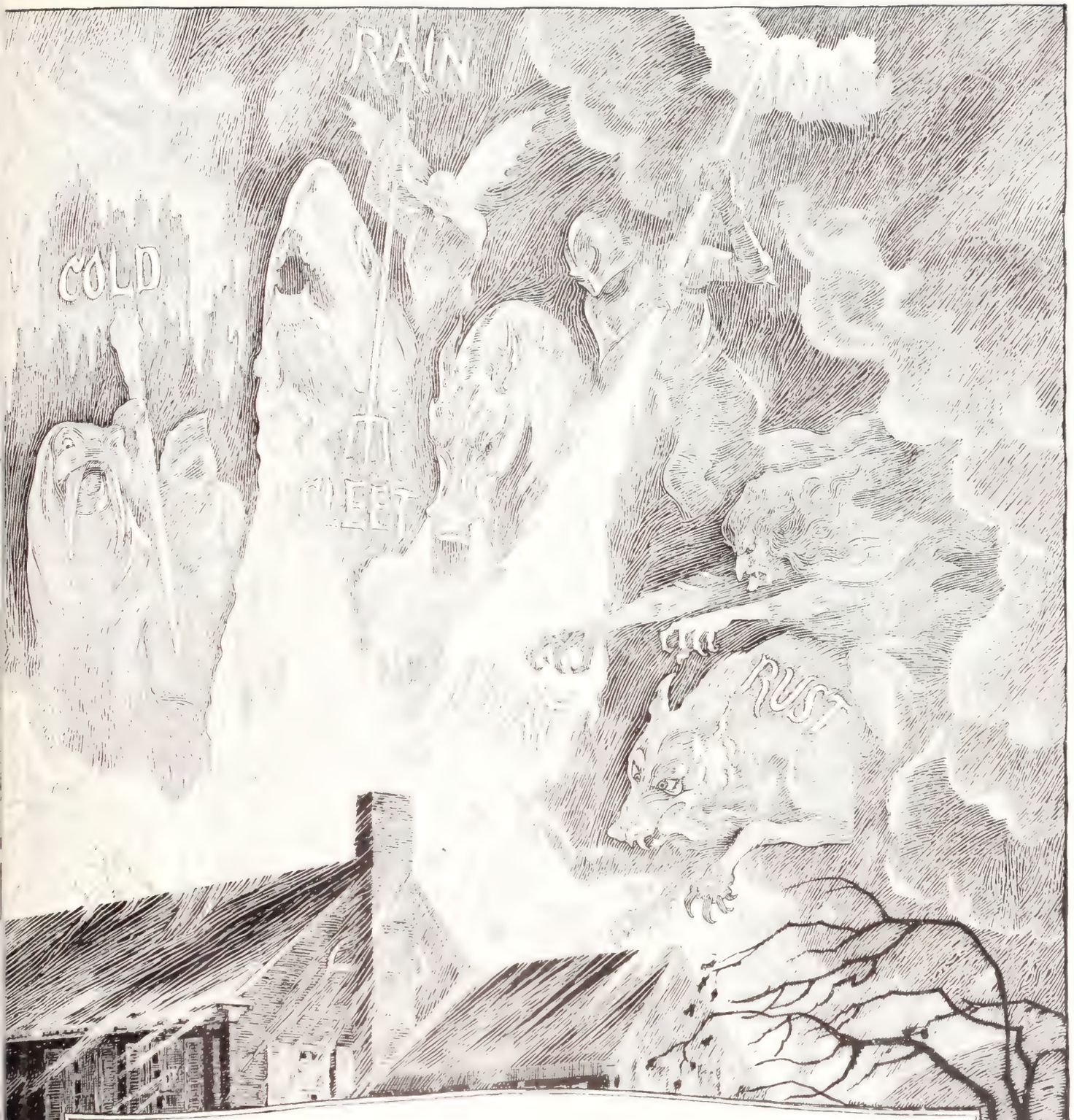
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Safe from the raiding elements and their ally, RUST, is the home defended by COPPER and its alloys.

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And the stealthy corrosion that scars plated substitutes is defied by hardware and lighting fixtures made of real BRASS or BRONZE.

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Home of Craig Heberton, Montecito, California. George Washington Smith, Architect

Never before, a Stucco like this!

Builders have long sought a stucco that would combine texture and color. These qualities are now obtainable through Oriental Stucco.

This is a scientifically proportioned, machine mixed material ready to use with the addition of water on the job, thus assuring a permanent, strong, waterproofed stucco.

The manufacturing formula is based upon methods used in producing the finest European stuccos and one successfully used in America for more than a decade.

Oriental Stucco Finish coat comes in nine colors and white. The use of mineral colors ground in at the mill and machine mixed with other ingredients, assures uniformity in color and prevents fading of the finished wall.

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very woman loves a beautiful bathroom

But the fixtures you select must give beauty that lasts

BATHROOM fixtures built in the walls are the final touch to bathroom beauty. They produce a bathroom that you will always be proud to show guests. But it is extremely important that you select Fairfacts Fixtures—guaranteed to keep their brilliant, snow-white lustre as long as your house stands. Our special process of manufacture insures a permanently beautiful gloss that will keep free from hair line cracks or stains.

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FAIRFACTS Fixtures are widely imitated and many of these imitations are of extremely poor quality. A Guarantee Certificate is attached to every first quality Fairfacts Fixture. This is for your protection as well as your tile contractor. You have definite assurance that the surface you admire so much will never become dimmed or discolored.

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e suggest

FOR THE LAVATORY

FOR THE BATHTUB

FOR THE TOILET

WHERE CONVENIENT

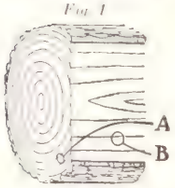
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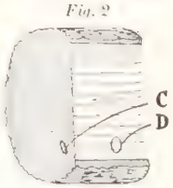
Fairfacts Fixtures





Fig. 1 Fig. 2





The [illegible] shows the effect of timber [illegible] coarse grain (B). This is typical of flooring made of [illegible] grown upon favorable climatic, soil and drainage conditions, [illegible] produce close, fine grain (D) characteristic of flooring [illegible]. The one to the left is coarse and flashy in grain and is spotted in color. The one to the right has fine, close grain, and color is evenly [illegible].

Reasons for the Greater Beauty of Appalachian Oak

By [illegible] Research Department of the W. M. Ritter Lumber Company

FLOOR beauty is largely a matter of timber growth. Granted that the flooring is well manufactured, properly handled, and well laid, the charm of the completed floor goes back to the forests from which the timber originates.

How appropriate the timber is depends principally on where it was grown. Oak grown in lowland or swampy areas, although suitable where strength is of prime importance, is not satisfactory for purposes of beauty because of its coarse, flashy grain and uneven texture, due to fast growth and the resultant wide growth rings.

Highland oak, particularly that from the Appalachian Region, on the other hand, grows slowly and uniformly into timber with fine grain, close, even texture and uniform color—qualities so essential to the truly beautiful floor. These characteristics are due to slow growth and are dependent upon favorable climatic, soil and drainage conditions which are found in upland hardwood timber areas.

Specifying Grade Only Inadequate

The standard rules for grading flooring, while considering such imperfections as knots, worm holes, sap, splits and similar defects, do not give consideration to grain, color and texture. Therefore, to be assured of satisfactory results, it is necessary to specify, in addition to the grade desired, that the flooring be manufactured of ***highland oak***. The easiest way is to ask for Ritter Appalachian Oak Flooring.



MAIL the coupon below today for our attractive booklet giving complete information.

Date .....

W. M. RITTER LUMBER CO.
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Gentlemen: Kindly send me your valuable booklet on Ritter Appalachian Oak Flooring which explains in detail how it can add to the comfort, beauty and value of a home.

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H-G.





Above is an example of Ritter Appalachian Oak Flooring in block parquetry pattern. The home is that of Mrs. Sarah L. Smith, Newton, Pa. Architect, Mr. Harry Parker, Philadelphia. Ritter flooring may be obtained in a variety of parquetry designs as well as in the strip pattern.

Interior trim made of Ritter Appalachian Oak likewise possesses the same qualities of beauty and economy that characterize Ritter Flooring. Its use is assurance of the best.

The Choice of Those Who Discriminat

In this age of homes beautiful—where plans are carefully decided upon, appointments selected with care, and each unit of home embellishment chosen to harmonize with, and enrich the whole—you cannot afford to sound a false note in your decorative scheme by the careless use of oak flooring. Sharp differences in the character of the various brands necessitate discrimination.

THE floors of the home can make or mar the effect of the entire decorative scheme. Correct—they give charm and individuality, and enhance its value; lacking qualities essential to floor beauty—they detract as much

Timber grown in the highlands particularly in the Appalachian Region, possesses precisely the qualities that make for beautiful floors—fine grain, even texture and uniform color. But few of the various brands of flooring on the market today are made from such timber.

That is why discriminating architects and home builders are specifying millions of feet of Ritter Appalachian Oak Flooring yearly. They have learned that beautiful floors are largely a matter of timber growth and that all Ritter Flooring is manufactured from the finest of Appalachian Highland timber. Through its use they invariably obtain satisfactory results.

Ask your architect to write Ritter Appalachian Oak Flooring into his specifications. It is branded to prevent substitution and its use will assure the beautiful floors your home deserves.



W. M. RITTER LUMBER COMPANY, America's Largest Producer of Hardwoods
GENERAL OFFICES, 115 E. RICH STREET, COLUMBUS, OHIO

RITTER
APPALACHIAN OAK
FLOORING

The WHITE HOUSE Line

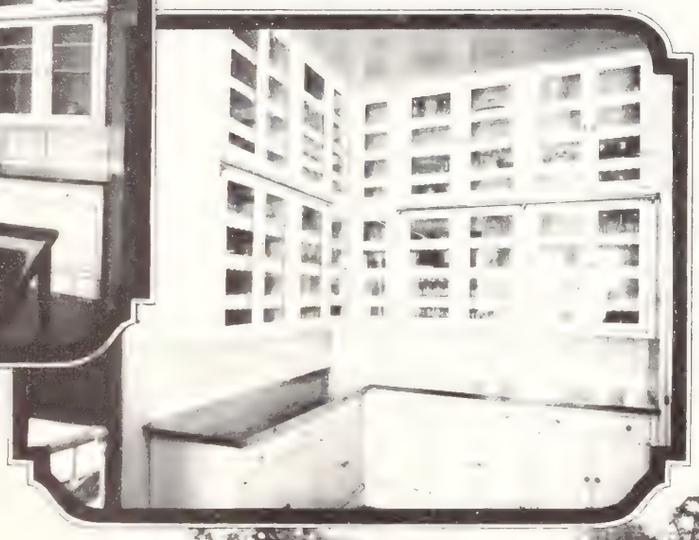
TRADE MARK

SECTIONAL UNIT STEEL DRESSERS



View of Kitchen

View of Pantry





Residence of G. L. Pirie, Esq., Hubbard Woods, Ill.—Chester H. Walcott, Architect

Modern service quarters for the Modern Home

Modern homes must have modern service quarters. Every detail for comfort, sanitation and efficiency should be planned with the rest of the house. The general architecture of the house receives serious thought, so does also the living room, dining room and bed rooms. You employ specialists for these rooms, why not for the kitchen?

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WHITE HOUSE Units are furnished complete ready for installation,—no hardware, glazing or painting necessary. Your problems would be of interest to us.

A visit to our showroom would give you a better idea of The WHITE HOUSE Line.

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ive your home a *castle's strength*

Let these suggestions guide you

early days, great lords built castles for omes, with moats and drawbridges and lements as defense against the many ene- s who came to destroy.

oday, every man's home is his castle. on its strength depends, in a large measure, happiness and contentment. The enemies still include time, wind, rain, fire and wear.

The Lehigh Portland Cement Company suggests this principle to put a castle's strength into whatever you build. Seek Permanent Satisfaction. Use only (1) Dependable Materials and (2) Competent Workmanship.

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[1] Get Dependable Materials

itation for dependability has made Lehigh Cement the st-selling cement in the world. Last year, contractors, neers, architects and owners used over 68 million sacks.

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[2] Get Competent Workmanship

Even with the best materials you can get poor results unless you secure competent workmanship.

A good contractor will save you money through skillful building economies. He will put quality both where it can be seen at the start and also where it will be noticed for its low repair expenses in the years to come.

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Well covers, linings and platforms—*for permanence and sanitation*

FREE booklets!

If you want information on any of the above, check the subjects in which you are interested, sign your name and address, and mail to us or to your Lehigh dealer. You will receive, free of cost, our bulletin and booklet.

Name.....

Address



Douglas Fir

Increasing production of Douglas Fir in the Long-Bell manufacturing plants at Longview, Wash., is making possible wide distribution of this Long-Bell product in all fir-consuming sections of the country. The Long-Bell trade-mark on Douglas Fir lumber and timbers is the builder's assurance of lumber dependability and uniform quality. Long-Bell trade-marked Douglas Fir lumber is sold by retail lumber dealers. Look for the trade-mark on the end of the piece.

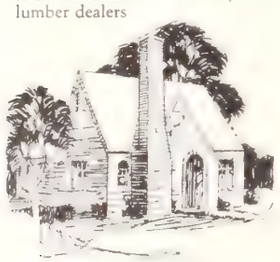
Southern Pine

Long-Bell production of Southern Pine is the largest in the industry. For many years this Long-Bell product has been known to the trade and to the user as a lumber of unsurpassed quality. Careful manufacture and prompt service to the dealer are policies that have brought it a nation-wide reputation. For actual building economy, for permanence, Long-Bell trade-marked Southern Pine lumber and timbers are consistently dependable.



Durable Floors

Floors must stand hard usage. Long-Bell trade-marked oak flooring gives the sort of *permanence and beauty* desired by careful home builders Maximum floor value is built into it in manufacture. Sold by retail lumber dealers



Small Home Plans

The Long-Bell Plan Service contains many beautiful and practical small home plans. This service is distributed to retail lumber dealers, and they will gladly show you elevations and floor plans—a valuable aid in making your own plans for building.





Just a Dwelling?
—*or a home investment!*

A man usually builds a home in keeping with his finances. That is the part of wisdom, to set a reasonable limit of cost, and keep within it.

Often, however, a home-builder seeks to make his expenditures buy maximum floor space at the expense of permanence. Construction is cheapened so that a larger house may be built. Cheaper materials are used as a "saving" to apply on other purchases.

What a home-builder really wants is *maximum home value.* He actually wants to pay for a home that is economically built, yet of such a construction standard that it will maintain its value as a home through many years—*a satisfactory combination of economy and permanence!*

Any good architect or contractor will build a home economically without sacrificing permanence. He will use good materials. He will follow sound construction methods. He will put maximum home value into a dwelling.

Long-Bell trade-marked lumber is used by such builders because of its dependability. Safeguards in the manufacture of this lumber give it maximum building value. The Long-Bell trade-mark on the end of the piece is assurance of uniform quality.

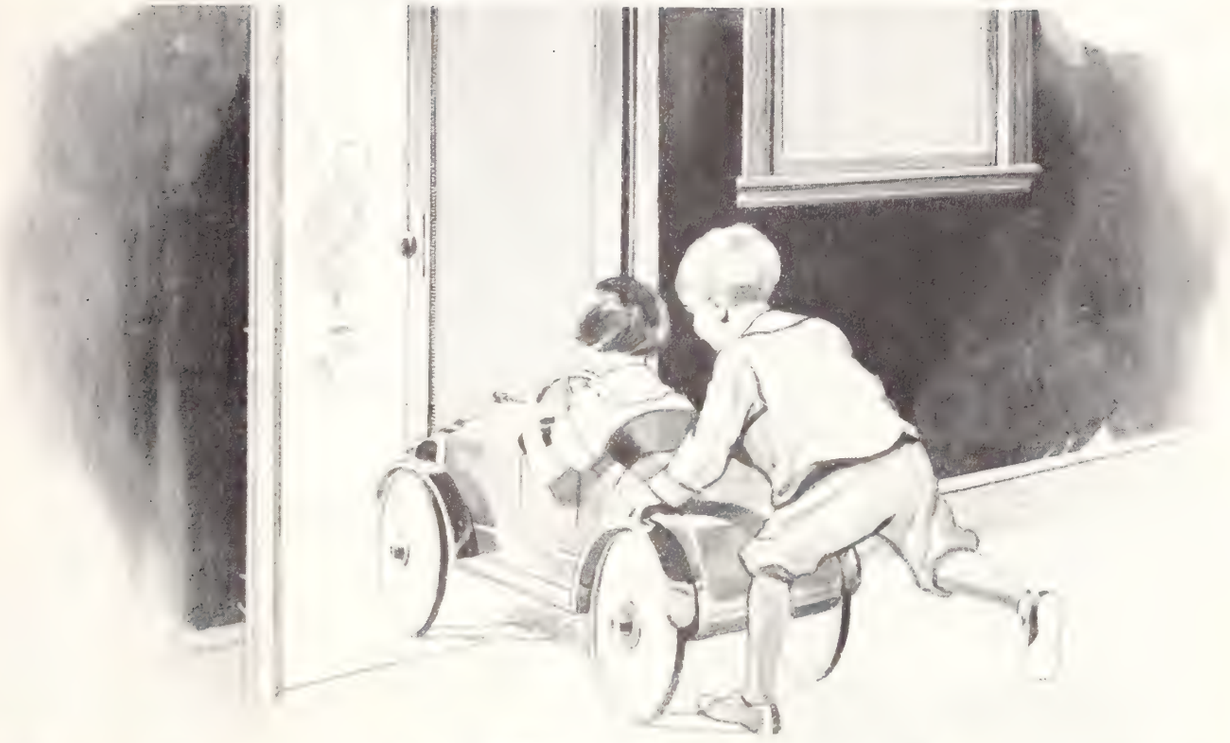
Your lumber dealer will gladly aid you in the important matter of selecting lumber and building materials. Ask him for Long-Bell trade-marked lumber products.

THE LONG-BELL LUMBER COMPANY
R. A. LONG BUILDING *Lumbermen Since 1875* KANSAS CITY, MO.

LONG-BELL
Trade Marked LUMBER

Douglas Fir Lumber and Timbers; Southern Pine Lumber and Timbers; Creosoted Lumber, Timbers, Posts, Poles, Ties, Guard-Rail Posts, Piling; Southern Hardwood Lumber and Timbers; Oak Flooring; California White Pine Lumber; Sash and Doors.

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Anaconda Bronze Screens
are play-proof

Children at play care nothing for the screens. Little feet will kick and little fists will bang.

Screens of Anaconda Antique or Golden Bronze Wire withstand hard usage without sagging, bulging or breaking. They are as rust-proof as copper and 50% stronger.

Yet, Bronze Screens are not expensive. Only about fifty cents a window more than screens that rust and break. Their long life and splendid service make them the cheapest you can buy.

May we send you our interesting booklet "Screens That Meet The Test"?

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ANACONDA BRONZE WIRE
ANTIQUE AND GOLDEN





Millions of DOORS *in American Homes*

More than five million doors are annually made from California White Pine and California Sugar Pine. Many of the largest manufacturers of exterior, French and panel doors make them wholly of these fine, soft pines.

California Pines possess ten *natural* points of excellence that make them favored woods for doors.

1. They are soft-textured and straight-grained—work easily and can be cut with or across the grain without splitting.

2. These woods are air seasoned in a climate ideal for that purpose, or are easily kiln dried to any manufacturing requirement.

3. They take glue evenly over every surface, binding all contacted parts rigidly.

4. Their *natural* freedom from warping, shrinking and swelling assure the purchaser that California Pine doors will *keep* their shape under varying temperatures.

5. Doors of California Pines may be fitted and hung at minimum cost A recent comparative test proved a a saving of twenty-three cents per door.

6. The fact that these soft-textured woods hold nails and screws firmly without splitting assures permanent installation of all hardware.

7. The smooth, satiny surface of these woods is an affinity for paint and enamel, taking any color treatment readily and evenly, and holding it tenaciously.

8. Because these woods are light in color they do not "oppose" paint, but enable the decorator to obtain the finest finish with fewer coats.

9. Because of their freedom from pitch and resinous substances, these woods eliminate dangers from discoloration to the painted surfaces.

10. The absence of grain-raising assures a permanent mirror-smooth finish.

California Pine doors of all patterns, either in stock or special sizes, may be obtained from leading door manufacturers throughout the country.

A 200-year supply of California White and Sugar Pines now stands in the region where our mills operate. Natural growth of standing timber, augmented by natural reforestation assures a supply of these valuable building woods for all time.



These Pines are used more than any other wood for doors, sash, millwork and interior finish. Send for our free illustrated booklet, "Pine Homes."



California WHITE & SUGAR PINE

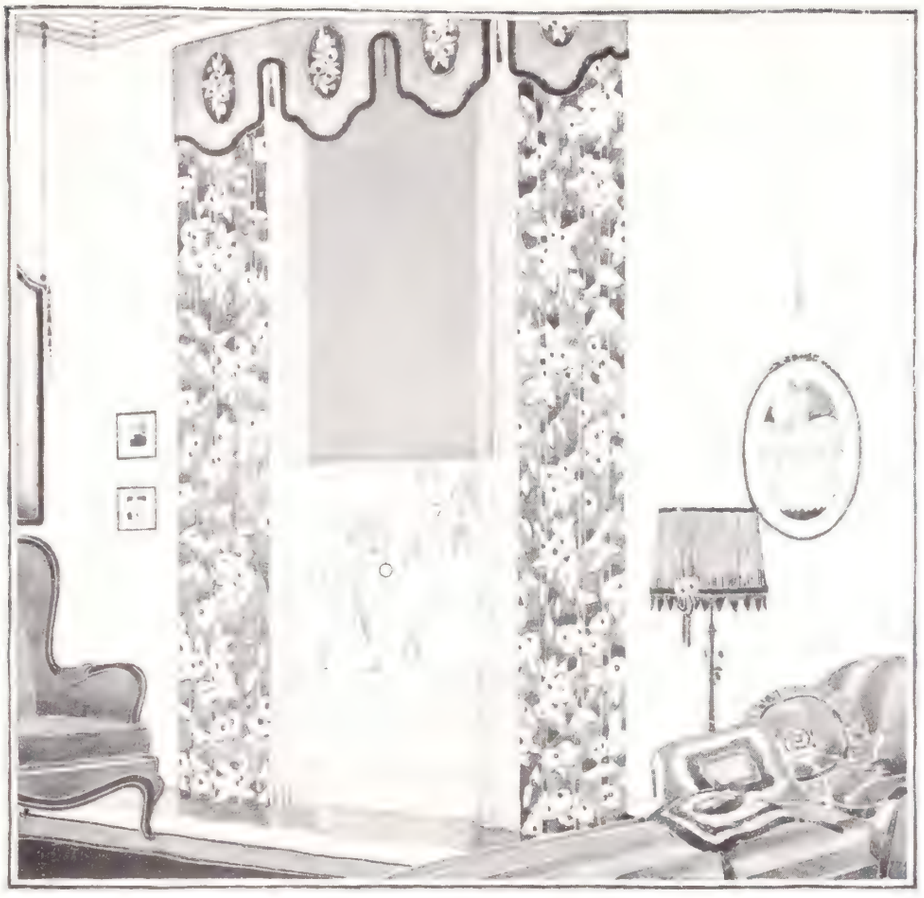
Manufacturers Association

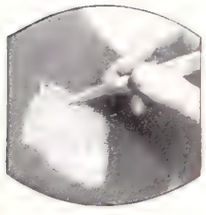
651 CALL BLDG., SAN FRANCISCO

Also producers of CALIFORNIA WHITE FIR

CALIFORNIA DOUGLAS FIR CALIFORNIA INCENSE CEDAR

Beauty begins where the light comes in!





Sketch is part of color scheme for decorative effect. To specify, ask for "Yellow" full-out BRENLIN, the world's finest window shade

Window effects that keep their loveliness

—with window shades of enduring BRENLIN

NO ROOM can be more beautiful than its windows. To them the eye goes first—where the light comes in.

And no window can be more beautiful than its shade. Even the finest draperies are ineffective against the window shades that strike the wrong color note, or that are worn, or marred with pinholes.

With Brenlin you can obtain fresh, lovely effects that will add much to the charm of your interior scheme. Brenlin is beautiful in texture and in finish, and offers you many soft, rich colors from which to choose.

Years of service

But almost any window shade is fresh and sightly when *new*. The important fact about Brenlin is that its beauty *lasts*. Through years of hard service it keeps its good looks.

Unlike ordinary shade cloth, Brenlin has no brittle filling of chalk or clay to break and fall out, causing unsightly cracks and pinholes which show in glaring relief against the outdoor light.

Strong and flexible, much like finely-woven linen, Brenlin has weight and body enough to keep it always straight and smooth.

Brenlin resists the constant strain of rolling and unrolling, the jerking and snapping of the wind. Rain will not discolor it as it discolors shades of inferior quality. And its tints, applied by hand, resist fading in the sun.

Brenlin wears two or three times as long as the ordinary shade, yet it costs only a few cents more. Its many attractive colors harmonize with every interior scheme. Brenlin Duplex, with a different color on each side, will blend with both interior and exterior. The name Brenlin is embossed or perforated on the edge of every Brenlin shade. *Be sure it's Brenlin when you buy.*

HAND MADE **Brenlin**

the long-wearing WINDOW SHADE *material*

Mail coupon for valuable new booklet

We have prepared a new booklet, "Making the Windows Beautify Your Home", which you will find exceedingly interesting and helpful in planning your interior schemes. This book is generously illustrated with pictures in colors and contains scores of ideas that will help you secure the lovely effects you want in your home. Written in collaboration with interior decorators, its subject matter is authoritative and correct. The coupon below will bring you this 28-page book for 4c together with free samples of Brenlin in different colors. Address Cincinnati.

THE CHAS. W. BRENEMAN CO.

The oldest window shade house in America

2655 Reading Road, Cincinnati, Ohio — 6th St. at Chelton Ave., Camden, N. J.

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Enclosed find 4c in stamps. Please send me your booklet, "Making the Windows Beautify Your Home," and free samples of Brenlin.

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Street .....

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All installations by Chamberlin experts



Save Next Winter's Fuel

You Can Start Right Now

Chamberlin Metal Weather Strips save and pay for themselves every day in the year—in fuel, labor, and protection against dust, dirt and draughts. Just see how little these advantages cost.

Prevent Damage From Heavy Rains

They add so much to comfort, cleanliness, and household economy. Keep out dirt, dust, soot, and smoke. Prevent entry of heavy rains, damage to wall paper and painted walls. Protect hangings, furnishings, and decorations. Exclude street noises. Stop rattling of doors and windows.

Children are safe from cold air currents. No cold spots. No chill draughts to drive you from the bright places around the windows. And they save 25% to 40% on fuel.

Chamberlin's own experts plan, fit, and install all Chamberlin weather strips.

It is specialized work. It requires careful training and special equipment. Just any "good mechanic" cannot do it properly. These typical letters from users, reproduced here, reflect how important weather strip installation is regarded by this company.

Service That Means Something

That is why Chamberlin maintains a nation-wide service organization. That is why Chamberlin guarantees its installations for the life of any building. Any need for service, no matter how many years hence, is cheerfully attended.

The IMPORTANCE of Correct Installation

The Only Guarantee of Lifetime Service

What Thousands Say of the Uniform Care, Courtesy and Efficiency of Chamberlin Experts Installing Chamberlin Metal Weather Strips

"25 Years of Good Service"

"I had Chamberlin installed on some of my windows in my residence in Westfield, N. J., over twenty-five years ago. The windows were on the northeast side of the house. The strips were just what they were represented to be and gave me great satisfaction.

"During the past winter I have had you install your weather strips on 17 windows on the northwest side of the house, and on my front and rear doors. The windows and doors do not rattle and are practically wind- and water-tight.

"My house is much warmer because of their installation. In my opinion, your weather strips are the best on the market today."

(Signed)—James O. Clark
Westfield, N. J.

"Praise Your Mechanics"

"I desire to say that so far the weather strips have proven very satisfactory. You should be complimented particularly on the type of mechanics you furnished to make this installation. They were very quiet, attended strictly to business, and although the weather was severe they performed their work with practically no discomfort to the members of the family."

(Signed)—John Robert Taylor
"Braeledge," Lakeville, Conn.

"Most Particular Workman"

"The installation of Chamberlin Metal Weather Strips in my residence was finished today by your Mr. Brown in a very satisfactory manner. We dreaded this work because of possible injury to our polished floors and because of the muss we expected to have. However, I found things quite different from what I expected. *First,* I found Mr. Brown to be a gentleman; *second,* I found him to be the most particular mechanic I have ever had the pleasure of meeting; *third,* I observed that he did not waste one minute, giving us an honest day's work; *fourth,* I received a satisfactory and intelligent answer in reply for every question asked; *fifth,* I found that the work was a pleasure rather than a task. We employ mechanics in our business and I think I am in a position to judge a job."

(Signed)—Raymond H. Bussard
Frederick, Md.

"Careful Workmanship"

"I am very well pleased with the strip and think it worth the money where it is properly installed. The man you sent here is certainly a good mechanic in his line and surely understands his business. He installed the strip on two windows and doors after the painters were thru and was very careful of the finish and I failed to find a mark on the woodwork after he finished."

(Signed)—L. F. Miller
Bellville, Kans.

CHAMBERLIN

Metal Weather Strips and Door Bottoms

Chamberlin Inside Door Bottoms enable you to admit fresh air to bedrooms or any part of the house while closing all other parts against draughts. They prevent escape of cold air, dust and dirt from basements. Keep out laundry and kitchen steam and odors. Operate automatically when fitted to either outside or inside doors. Do not interfere with rugs. They are inexpensive, installed separately or in conjunction with Chamberlin Metal Weather Strips.

Chamberlin Metal Weather Strip Company, Detroit, Michigan

Send the Coupon

Chamberlin Metal Weather Strip Company
1644 West Lafayette Boulevard, Detroit, Michigan

I would like an estimate covering the cost of installing (check which)

Chamberlin Inside Door Bottoms—
Chamberlin Metal Weather Strips—In my home—Office Bldg.—Church—Number of Windows—Number of Doors—

Name _____

Address _____

City and State _____

Eng. Dept. K-29



Valspar—which color do you want?

Perhaps you've some old furniture you want to renew. Or maybe you're planning to change the color scheme of your room. No matter what color you need, Valspar has it!

Valspar Varnish-Stains. Look at the chart at the left. There you have Valspar in beautiful transparent colors. Valspar Varnish-Stains are made of Valspar Varnish combined with permanent, non-fading colors to give natural wood effects, such as Light or Dark Oak, Cherry, etc.

You stain and Valspar with one stroke of the brush, thereby doing away with the old method of staining and varnishing separately. Valspar Varnish-Stains bring out all the beauty of the grain in the wood. Having all of Valspar's durability, they can be used for all work outdoors as well as indoors.

Valspar-Enamels—shown on the chart at the right. Valspar-Enamels combine all of Valspar's waterproof, wear-proof and weather-proof qualities with beautiful, opaque colors. They are applied like paint, covering wood or metal surfaces with a solid color just like paint—and have the added advantages of Valspar's brilliant lustre and durability. They may be rubbed down to a beautiful dull finish, if desired.

Send in the coupon—today—for samples of Valspar and Valspar in Colors. Be sure to send for the Valspar book which gives a hundred practical suggestions for using Valspar—indoors or out.

This Coupon is worth 20 to 60 Cents

VALENTINE'S
VALSPAR
The Varnish That Won't Turn White

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I enclose dealer's name and [illegible] 20c apiece for each 40c sample can checked [illegible]. (Only one sample each of Clear Valspar, Varnish-Stain and Enamel supplied per person at this special price.)

15c extra. Print full mail address plainly.

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Valspar-Stain Choose 1 Color	☐
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Residence of Miss Rena Trust, 8 Bishop's Road, Baltimore, Md. Edward H. Glidden, Architect, Baltimore, Md. Roofed with IMPERIAL *"Ancient" Large Tapered Mission Tiles.*

Lasting Beauty Costs But Little More

THE *lasting* beauty of IMPERIAL Roofing Tiles makes their slightly higher first cost unworthy of consideration. Long after roofs of cheaper materials have become dull and shabby, a roof of these enduring tiles will be as colorful as when laid.

IMPERIAL Roofing Tiles combine unending beauty and protection with absolute freedom from worry and upkeep expense. In the end they prove themselves the most economical roofing material you can choose.

Numerous beautiful color plates of distinctive tile-roofed residences are contained in this elaborate brochure, "The Roof". It may give you many helpful ideas for that home you plan to build. Sent for 25c in coin or stamps to cover postage and handling. Address Ludowici-Celadon Co., Room 1120, 104 South Michigan Avenue, Chicago.

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IMPERIAL
Roofing Tiles



Not Even a Glance at the Heating Plant for Weeks at a Time

Summer warmth is not a bit more carefree than gas heating! For with gas fuel *you can forget the heating plant for weeks at a stretch.*

Dirt and worry and trouble in heating your home are needless. Use gas in an efficient, built-for-the-job gas appliance. Day and night the temperature will be kept at the exact degree you wish—without even a *thought* of attention.

Let us tell you how gas heating is adapted to your particular home.

THE BRYANT HEATER & MANUFACTURING CO.
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BRYANT HEATING

AUTOMATIC GAS

***for* Hot Water** **Steam *or* Vapor**

CORROSION—the Cancer of Metal

CORROSION! Rust! The incurable and malignant malady which day and night, unceasingly, is eating away the life of the pipe in your home. Your first warning of its deadly work is a sudden leak. Then comes a ruined ceiling or floor. A plumber's bill, a plasterer's or carpenter's bill. Trouble, annoyance and expense!



Corrosion "strikes" without the slightest warning

The accompanying picture, drawn from an actual photograph, shows what corrosion can do to steel pipe. But you notice that the coupling is still as good as the day it was installed. That coupling is made of Genuine Wrought Iron!

When building or refitting, specify Reading Genuine Wrought Iron Pipe—the pipe that endures. No other metal compares with the best wrought iron for economy, combined with rust-resisting qualities. True, there is cheaper pipe, but none more *economical* than "Reading." Figured on a cost per year basis, a supreme quality of wrought iron is far and away the least expensive pipe you can buy.

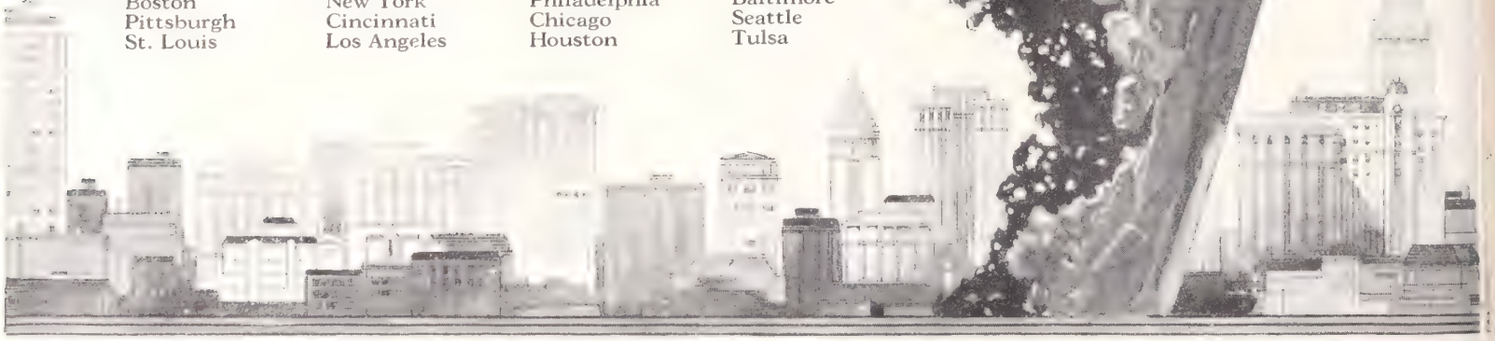


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World's Largest Manufacturers of Genuine Wrought Iron Pipe

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READING PIPE

GENUINE WROUGHT IRON

EST. READING 1848



onstruction: Stucco over hollow tile. Built at Birmingham, Ala., at a cost of $13,500.00



Construction: Hollow tile for walls and partitions, stucco over hollow tile. Built at Ames, Iowa, at a cost of $15,000.00

UILD PERMANENT VALUE INTO YOUR NEW HOME

TER you have decided how your new house shall look and how much it shall cost, then—build into it the permanent ed value of Hollow Tile construction.

after year the initial investment e is maintained by the permanent of this method of construction. r resale and loan value is exceptally high.

ontributing value is found in the nce of depreciation, for Hollow walls do not sag, shrink, warp, k or decay, also in the remarkably ll cost of maintenance or upkeep ere are no repairs or replacements.

he air cells sealed up in the walls follow Tile provide superior insuon, present a barrier to heat, cold moisture, reduce heating costs and promote sanitary, healthful conditions.

The first cost of Hollow Tile construction is surprisingly low because the large units of tile save material, labor and speed up construction. The exterior may be face tile, stucco or face brick veneer.

A list of manufacturers of Hollow Building Tile contributing to this campaign will be mailed free upon request. You will find one or more located near you who will give expert advice and counsel through your architect, or direct.

Book of Home [illegible] with additional [illegible] how [illegible] and helpful [illegible]

Hollow Building Tile Association, Conway Building, Chicago

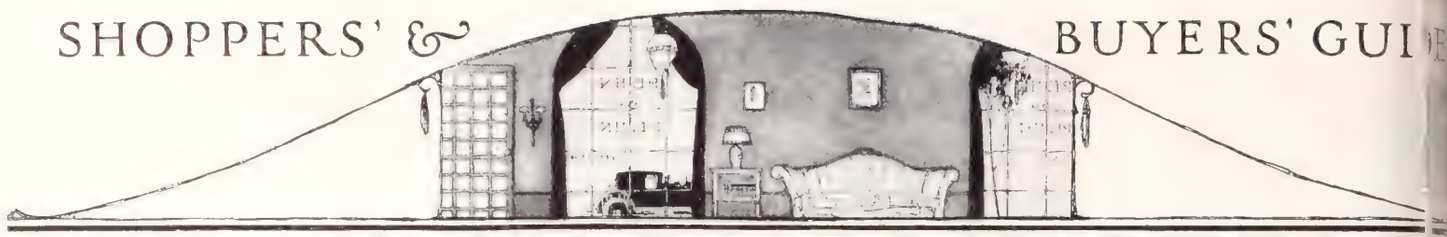
Hollow Tile

The Most Economical Form of Permanent Construction



Construction: Face brick over hollow tile. Executed after design of stone built at Louisville, Ky., at a cost of $35,000.00

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LAURA WAND—Consulting Decorator Specializes in carefully selected drapery materials suitable & correct for your need. Assistance cheerfully given in color harmony. Dis. 2760. 19 W. 44th St., N. Y. Van Dyke Studios, 42 W. 44th St., N. Y. Van Dyke

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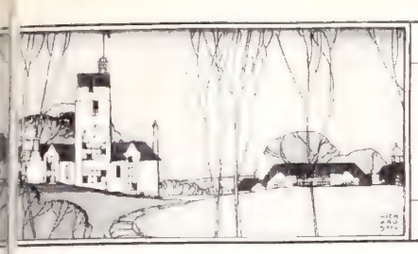
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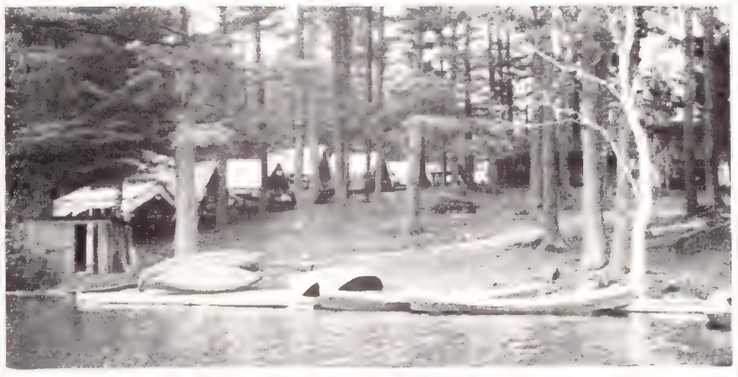
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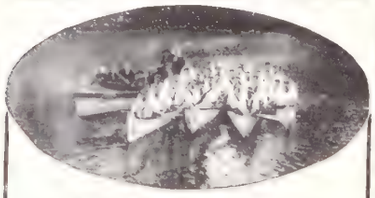
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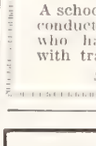


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I

[illegible] month, from July to November. [illegible] ex- [illegible] the [illegible] also [illegible]

II

Mrs. B. [illegible], Texas, [illegible] tired of a nerve cure. Not knowing any [illegible] to ask for advice, she came to Vogue to [illegible] Mrs. B. [illegible] in Texas. [illegible] hydrotherapy in France, and one of the best in Europe. We have since received word from her that she is being greatly [illegible]

III

[illegible] summer in France in a quiet spot where [illegible] tennis and still continue their study of French. We were able to put her in [illegible] tive of her pupils to a very delightful [illegible] Through our efforts Mrs. C. was able to arrange that her children were also to be included in the small party.

IV

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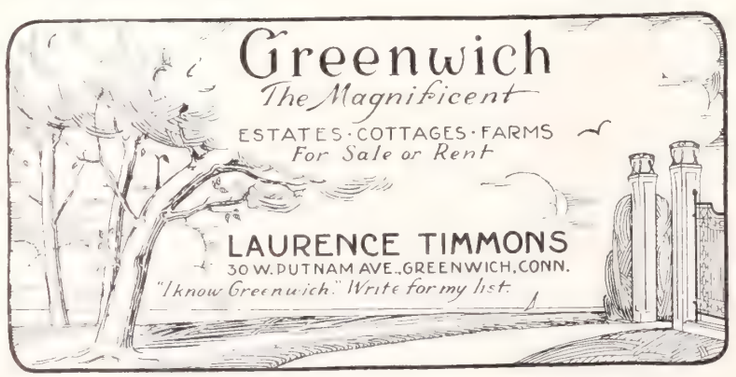
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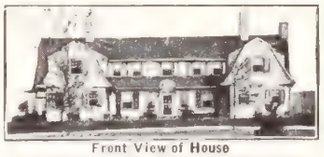
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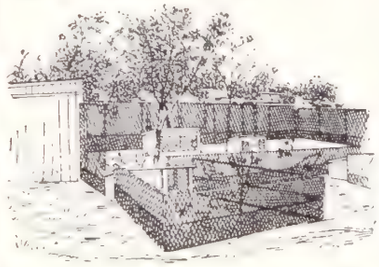
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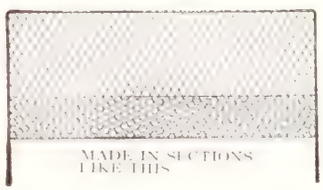
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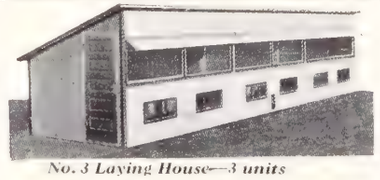


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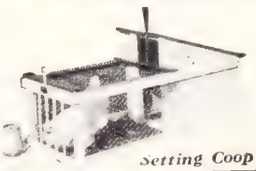


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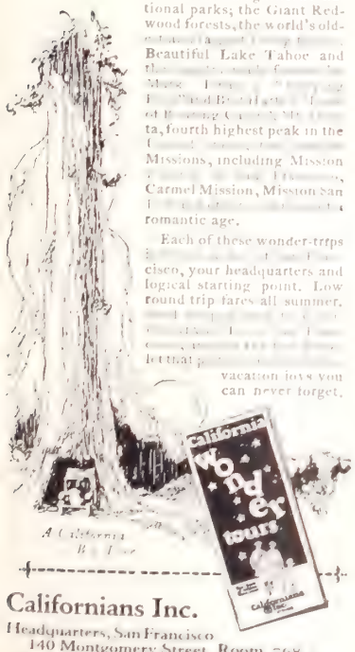
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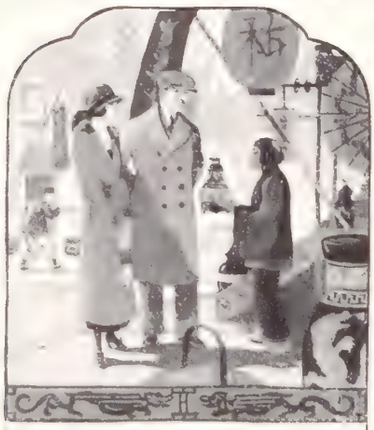
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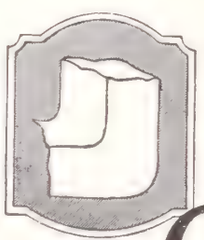
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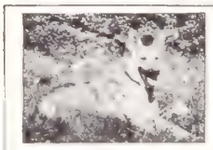


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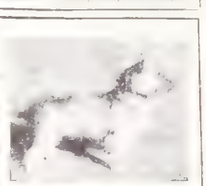
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SOME POINTS ON GENERAL CARE

ROBERT S. LEMMON

CLEANLINESS bears importantly on canine health, for it is a deterrent of skin irritations, germs and the common or garden variety of flea. Also, it helps to prevent a general tramp-like appearance.

David Harum expressed the opinion that "Some fleas are good for a dog. They keep him from thinking too much about being a dog." The theory, however, is not to be accepted without qualification. Modern investigators say that these sprightly pests are willing carriers of tapeworm eggs, and therefore undesirable for other reasons than their nipping propensities. The connection is obvious: flea bites dog, dog catches and maybe swallows flea in retaliation, infant tapeworm finds new and congenial home. All very well planned and exciting, with a happy ending for the worm; but not the sort of bed-time story that should be encouraged.

Flea destruction, dirt removal and all-around health promotion are served by a periodical bath with warm water and a *good* medicated dog soap. Start lathering at the head and work downward, for the simple reason that the flea, being an intelligent little beast, hurriedly seeks high ground when a flood threatens and must be intercepted en route. Rub the soap well in with your fingers or a stiff brush, and let it remain several minutes. Then wash out with clean water, rub the whole dog dry with rough towels, and don't let him outdoors for at least half an hour. Other flea preventives are clean bedding frequently changed, olive oil, and insect powder dusted into the coat.

Frequent washing is to be avoided, for it is not good for the coat,


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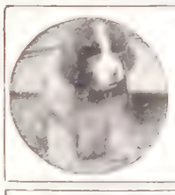
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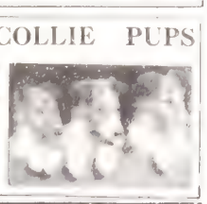
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And that's the wonder of the Chrysler —a wonder so different and so superior that Chrysler was forced to build over 32,000 cars in 1924 in trying to meet its first-year demand, and delivered to the public Chrysler cars to the value of more than $50,000,000.

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Then do the same job with a fully loaded Chrysler. We want you to know the result as we do.

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CHRYSLER SIX

House & Garden



The Shady Avenue
under Trees in which
several Old Colonial Houses
in Marblehead

THIS is an age of ingenuity, a day of bright ideas and clever devices. If there are really fewer new things than we think, regardless of the radio, then we manage wonderfully that easy to make the most of what we have. We live in the midst of conveniences as modern as they are amazing. And especially in these things make living within the house comfortable and delightful. From cellar to attic the mechanical contrivances of the household have been brought to a degree of perfection unthought of before—unless it be true that the Egyptians have forgotten more than we have ever known.

Heating systems may be almost automatic, controlled from any room in the house, and fed by oil-fuel from an underground tank. Refrigerators manufacture their own ice or use it with extraordinary efficiency. Stoves, either gas or electric, are made to take the curse out of cooking, and there are machines for cleaning dishes and clothes. The problems of light, heat and hot water are problems no longer. In fact, it begins to be embarrassing to take advantage of all the opportunities for leisure offered by these and countless other innovations.

But ingenuity is not confined to all the more or less mechanical features. It finds its way quite as remarkably into furniture and decoration. Perhaps here it is simply a quicker artistic perception of the possibilities of good taste. At any rate, a finer ingenuity is being shown in the treatment of interiors. Well designed furniture and splendid reproductions are readily available (though of course ingenuity) and, what is more, are in constant demand. The use of papers and prints in small but effective ways has never been done more ingeniously. In lamp shades, doors, plaques, panels, boxes and various pieces of furniture these materials are being used with fine feeling for their own beauty as well as for that of the things they decorate. Hardly a house fails to contain some unusually attractive arrangement of furniture or some interestingly designed bit of decoration.

Now, all of this hasn't merely happened. Some strong, young impulse must lie behind all ingenuity, and HOUSE & GARDEN is not immodest enough to believe that as a magazine it is not only a mirror reflecting the ingenuities of others, but a source of ingenuity itself. Of course it is mightily important to be such a mirror: a sort of clearing house for the new ideas of designers, decorators and other contributors, yet there is a healthy tang in the actual creation of ideas without which a magazine of this kind would certainly languish.

So we make it our purpose each month to publish the most valuable information available for the person interested in houses and gardens. This is accomplished by keeping in close touch with everything going on in all the phases of building, decorating and gardening, and showing what we consider the best. In addition we try to inject new ideas of our own into our present order that we may match the ingenuity with demand of others.

This ingenuity breeds ingenuity, and if you want inspiration for your house or garden there is no better way to acquire it than by merely exchanging thirty-five cents for it with the man at the nearest news-stand.

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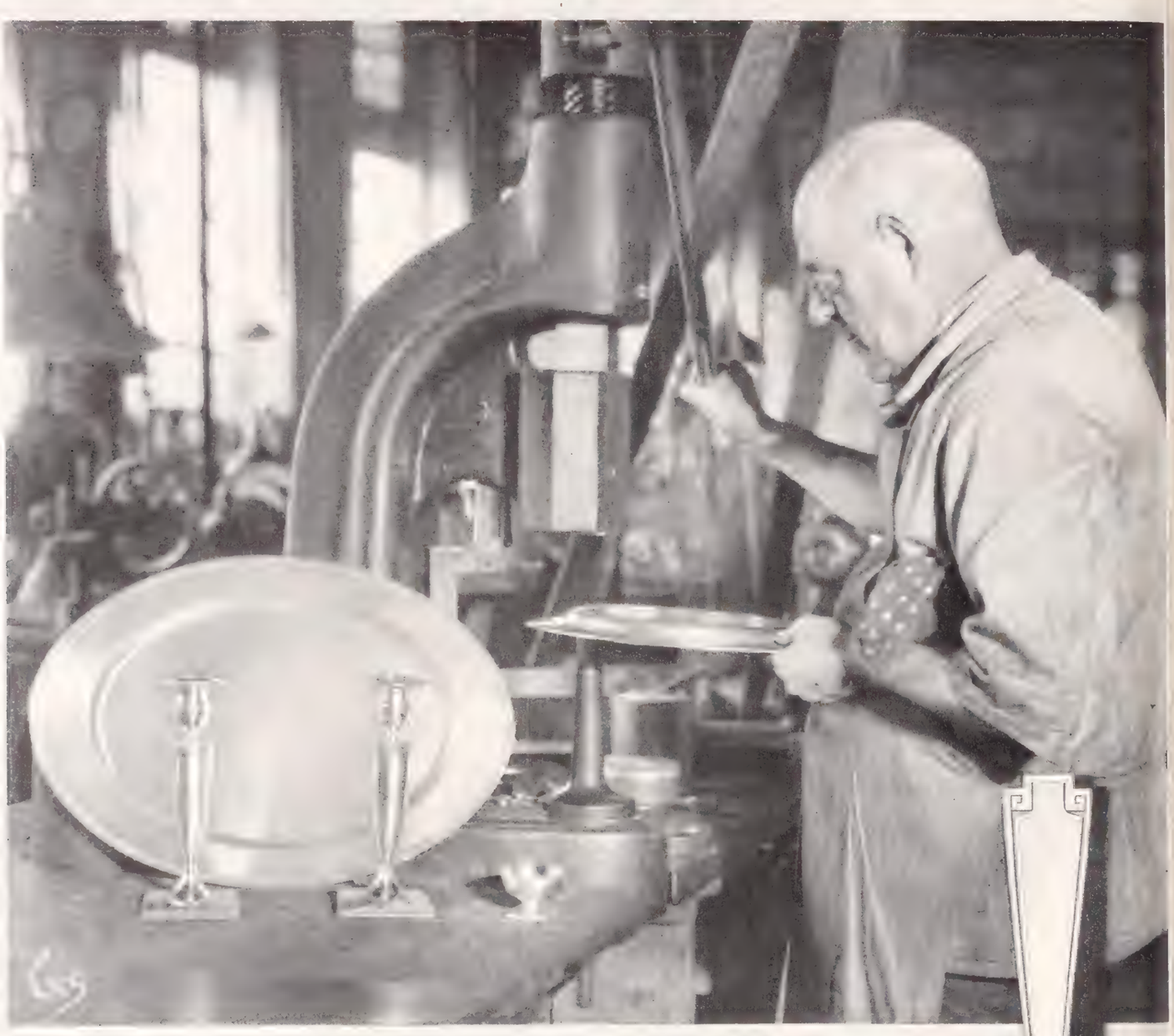
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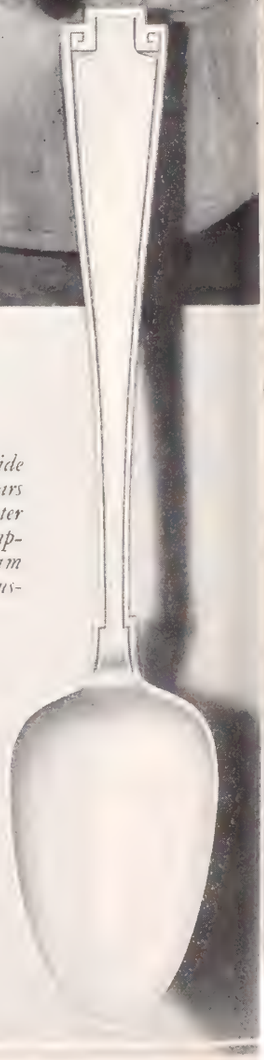
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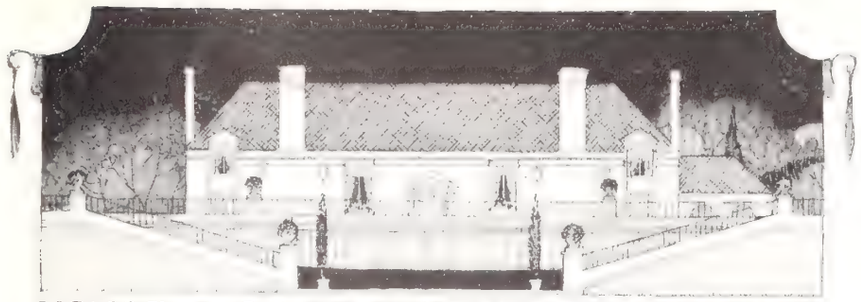
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HOUSE & GARDEN'S BULLETIN BOARD

OPENING a country house in the spring, after it has been closed all winter, is a fine piece of symbolism. Like the voice crying: "Lazarus, come forth!" Shutters are flung back. Sunlight splashes across floors. The sweet air blows in through open windows and doors and drives the mustiness out. Then from their winter hiding come curtains and rugs. This is worn out and that must be replaced, perhaps a room or two will be entirely done over.

Just such a picture we had in mind when we planned the May number. It starts with country house bedrooms, passes on to two pages suggesting lights for the living room, then to a little Portfolio of a delightful Cincinnati home. Fringes and finishings for curtains, two pages of glass curtains, rugs for the summer house, new chintzes, pages of porch furniture—of such good things is part of this May issue composed.



THE gardening pages of the May number are rich in helpful suggestions—a delightfully useful article on window boxes and one on hedges. Mrs. Wilder writes on Color in the Rock Garden and Mr. Wilson on the Honeysuckles. Three pages show beautiful gardens. There will be garden notes scattered through the back of the issue.

Four houses in all find places in these pages—three little country houses and one of larger proportions. Samuel Record writes on the beauty of walnut and Frederick Houston on roofs and eaves. There is also a sprightly article on collecting early American glass.

The objects for Town Betterment to be published in the May number will be street and park benches and community flag poles. The working plans of these will be available as soon as the magazine appears. In the course of the year quite a number of objects will be considered, in fact a year's issues will cover the ground of town betterment thoroughly.



TWO garden books which have helped to shorten the winter of our garden discontent are "A Real A. B. C. of Gardening" by A. J. MacSelf, and "My Garden Book" by John Weathers. Both British in origin—and that's what piques our curiosity. Some parts of these books are immensely helpful; in others the seasons and methods are so different from ours that they are of little use. Mr. Weathers' book is what, in the cross-word puzzle world, is called a "tome", an encyclopaedic work of almost 800 pages generously illustrated; Mr. MacSelf's, on the other hand, is a more convenient volume. Everything you'll ever want to know about gardening is found in the Weathers book; everything you need to know in the MacSelf. Both authors stand high in their profession, and both are well known for their contributions to the literature of the garden. We can recommend them for a place on your garden library shelves.

THE term "classic" has become a current coin of speech, and as such it is used above, though the difference it connotes is, in reality, non-existent. Classic, as a great French writer has said, is no matter of time or of place. It is the definite canonisation of great work; of all that has come victorious through the eternal conflict of the arts. Shakespeare and Sophocles, the Parthenon and York Minster, alike are classic. The term "Renaissance" is not less misleading. There never was a re-birth of the art of building, nor are there any stylistic divisions in architecture. The artificial border lines of "periods" and "styles" disappear when examined at close hand, and it is only by contrasting extremes, at wide intervals of time, that paper classifications are constructed. Architecture—be it Sumerian, Egyptian, Greek, or Mediaeval—is one and indivisible; a majestic, purposeful movement of evolution throughout the ages. Since all time, the elements of architecture have been the same—walls, floors, and roofs—Rameses, Ictinus, William of Wykeham, and their successors have dealt with these elements each in his own way, moved thereto by the conditions wherein he lived and worked. They had no thought of being "original", or of inventing new types, but carried on their fathers' tradition with such changes as their fancy, the means at their disposal, and the increasing skill and courage of their artisans suggested.



LANDSCAPE architecture in this country has at last reached the age when, to use an old-fashioned phrase, she can "put up her hair". People have long since learned to take the profession seriously and the members of the profession have long since learned to take their calling honorably. It is a distinct proof of development [illegible] given the second annual show of their work. Such a show proves the value of the landscape architect to the community and indicates the part the profession plays in the making of better gardens in America.

[illegible] people believe that a garden is made by merely planting flowers, trees and shrubs. For a matter of fact, a garden is made by planting flowers, trees and shrubs according to a well-defined plan. Therein lies the difference. The landscape architect, like the architect, starts with a plan, because if the plan is right the garden or the house can't go very far wrong. The untutored layman starts with the exterior of the house and the general [illegible] and that is why we have so many ugly and unlivable houses and gardens. People who are intelligent enough to [illegible]



LOOKING at Narcissus plantings this spring will be somewhat like standing beside the bed of an old and true friend for whom the doctor hold out no hope. This coming autumn will be the last opportunity for ordering Narcissus bulbs from abroad. After that the embargo shuts down on them. Alleged to bring in a worm or a disease, they are hereafter to be banned from these innocent and completely healthly shores. It would be a pity for any plant disease to get started here.

However garden lovers may feel about this embargo—and their expressions would make rather caustic reading—the fact remains that, unless the Federal Horticultural Board relents at the last moment, this autumn is the final call. Consequently, take every opportunity this spring to observe good Narcissus plantings—see how they grow naturalized, study the varieties—and then go home and make out an order for all you can afford. It will be especially desirable to lay in some of the scarce and newer kinds, however expensive they may be. Plant these in a bed by themselves—and enjoy their spring beauty for years to come.



Old Doc Lemmon Says—

"DID ye ever stop to think what a consarned big diff'rence they is sometimes 'tween the fust day o' Spring an' the fust Spring day? The Almanack sez as how Spring begins on March 1st, which like as not is colder'n January. Only fer what the book sez, it's still Winter, an' looks as if it was goin' to keep right on bein' Winter.

"But the fust Spring day is sometin' else ag'in. Mebbe it'll come in late Febr'ry, er March, er April—it don't pay much 'tention to the calendar. An gosh, it's welcome!

"Ye know how 'tis—snow meltin' in rivers, a bluebird singin' over in the orchard, mebbe a bee er two buzzin' 'round the pile o' damp sawdust on the sunny side o' the woodshed. No wind, an' the sky a sort o' warm blue. A woodpecker's drummin' on a dead branch down in the swamp woods; seems like ye could hear him a mile. In the yard the hens talk sort o' low an' friendly-like, an' the pig on the wal, it make ye feel lazy-like to watch him prowle 'bout on the lee side of the barn roof, cockin' one eye up at the sun.

"Ye c'n have all the fust days o' Spring ye want, long as ye don't mind have the real Spring day."

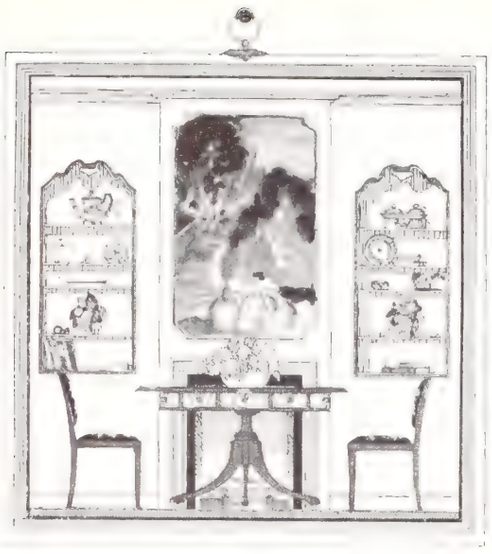


IN *The Dark Flower* John Galsworthy describes one of his characters as having a room with a copper floor. A Chinese room it was, and the floor was apparently made of copper plates. Which we considered to be about the most expensive, ugly and impractical sort of floor we've yet encountered. Imagine keeping such a floor burnished! Imagine keeping the children from licking it! Or, imagine such a floor under your [illegible] decorator Mr. Galsworthy is a first-class novelist



THE TALL ROOM

The high-ceilinged room is not easy to furnish and yet, in the studio of Caroll N. Tyson, at Southwest Harbor, Me., it has been accomplished by keeping the furnishing low except for the long window curtains and the column of ship pictures. Edmund B. Gilchrist, architect



WHAT SHALL I PUT ON THE TABLE?

The Answer to this Oft-Repeated Question
Will Be Found on the Following Three Pages

CHAMBERLIN DODDS

WHILE a strict adherence to any one period is the last thing to be desired planning the furnishings of a room, it bviously necessary to preserve something the character of the decoration when osing the various accessories—those imtant little things that contribute so much the charm and livable aspect of an inior. A Louis XVI cabinet, for instance, ed with early American glass is as incongruous as a delicate painted Venetian secretary appointed with Elizabethan writing materials, no matter how beautiful the various objects may be in themselves.

The first thing to be considered when

[illegible]

selecting the accessories for the various living room tables is the lighting equipment of the room. If the main illumination is supplied by lamps, there must be a sufficient number of these to disperse an even light. See that there are comfortable lights to read by—a small table by a sofa, for instance, and a larger one by a comfortable chair should have rather low lamps, with shades that throw the light down. The





The Empire table desk above, in addition to the necessary writing equipment, is fitted with a Directoire column lamp, an old tôle box for cigarettes, a small vase of flowers and some books. Chapin, Harper & Durel, decorators



An effective side-wall group for a living room is shown above. Here an old chest is used as a table, set with an interesting arrangement of necessary and decorative objects. It is in the New York home of Harry C. Richardson

lamp or lamps on the main living room table can be larger and more important in character, with shades to accord with the color scheme of the room. After the proper lamps have been selected, then come books and flowers—these at least know no period—and finally the various what-nots and why-nots that give a room its character and individuality.

The lovely old Italian tables of the 16th and 17th Century give one a wide scope in arrangement, from the formal carved wood candelabra or bronzes to the hit or miss groupings of old books, small chests, convenient small braziers for cigarettes and matches, and bowls of Venetian glass fruit. This latter accessory, to which may be added laurel leaves for a note of freshness, is useful for



G. W. Hales

the bit of gay color it supplies. It is quite permissible to lay out the latest magazines and interesting brochures, and if preferred, folios covered in the charming hand blocked Italian papers now available. Small old book bindings made into cigarette boxes and larger bindings for photographs are useful as well as extremely ornamental. Old brocades or modern reproductions of Genoese and Venetian velvets, bound with galloon and garnished with tassels, give warmth and

(*Continued on page* 156)

A small maple table in the same house holds an amusing array of early American objects—an old plate with a ship design, a pair of Staffordshire dogs used as book ends, a mauve and white flower vase and a small Bristol glass box





room. The vases and fruit bowl





The house, Georgian in feeling, has been executed in native stone so painted up that it appears to be white as bed. Canopied bay windows and entrance portico are features of an era later than the Georgian times. The lattice-filled doorway proves another and a pleasing innovation

Throughout the main rooms the backgrounds are dignified Georgian in style. On the other hand, the furniture, chosen by Mrs. Carstairs, is French, some of it Empire, thus giving these rooms a lighter touch. In the living room the walls are old blue with ivory white mouldings and trim





The paneling of both the living room and dining room is made by the simple device of moulding on a plaster wall, with carved swags on the chimney breast. The dining room walls are an old yellow

THE HOME OF

J. H. CARSTAIRS

Ardmore, Pa.

JOHN RUSSELL POPE, *Architect*



The entrance court is walled. On the side of the wall to the terrace and rose garden. In front the path leads to the terrace. From the terrace steps lead to the vine-covered pergola, where a small water is a pool

In the court and before the entrance, shown on page , is the box pool, with its driveway passing each side of it to the gate. Box is planted at each end, and the pool is flanked by



THE NATIVE SONS

To Know Them and Their Ways Is One Of the Great Delights of Country Living

THE mason who has been laying up a wall for us announced that when he reached eighty he was going to quit work. As he still had quite a distance of wall to build and as his eightieth birthday was only a week off, he must work fast. A strange wall that—a drunken sort of wall, straight here and crooked there. The old man's eyesight isn't as good as it used to be. Nor is his hearing; he is stone deaf. We had to write messages on bits of paper, and then he had to search around for his specs and, like as not, he couldn't read the messages correctly. Besides, he was headstrong; he had been laying up walls long before we were born, and you can't tell a man with all that experience that his wall is crooked.

Last summer, on a languid August day, he was seized with romance. In the midst of work he stopped to tell us that sixty years ago, when he was buying horses for Grant's army, he met a girl. Oh such a girl! And there he stood, in that August sunlight, wondering what had become of her. He didn't come to work the next day nor the next. A week later he returned. He wore a new cap. He had a collar and a tie, and he carried himself as one upon whom a woman has looked with favor. She no longer lived where she used to, he reported, but he had found her grandniece, and from that clue traced her up to Vermont. What an autumn romance! After questioning him on bits of paper he finally acknowledged that she was unwed; that he had proposed, but that having already survived two husbands, she wanted a little time to think it over. So he came back to work while she was thinking, back to the stone wall that is straight in some places and crooked in others.

Well, finally, his old love answered him. She had thought it over and had decided that two husbands were about enough. The old man took it hard for a time then he turned to work as a surcease from his grief. That stone wall was his salvation.

NEIGHBORS and city folk who come up to see that stone wall chide us for having employed such a poor mason. We could have brought up a city mason, they say, who could have done twice the work and done it correctly. But could we have found another with such romance?

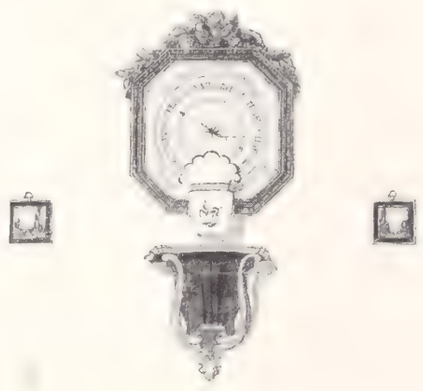
That is one of the first delights you have on going to the country to live—the contact with the native son. And the older and queerer the native is, the more the delight. For there is something about the canny innocence of the native countryman which compensates for his inefficiency, his slowness, his prejudices. Make him your friend, and he is loyal to the death; ignore him and his attitude is dangerous.

ALTHOUGH the countryside has long since been enlightened, the old feud between town and country still persists. Motors and radios and movies cannot entirely wipe out the hereditary prejudice: the city man is to be spoiled, the way the Israelites spoiled the Egyptians. And the methods may not be honest, either; the code of ethics is discarded when the city man heaves in sight. Then, gradually, the native son loses his prejudice, if he's handled aright; gradually his distrust passes to friendliness and from friendliness to loyalty.

Employing a native gives one the same friendly feeling that one has toward a walking stick which he has cut from one of his own trees. That feeling is difficult to describe; it is a sort of kinship. It is the sort of feeling a man has when, having wandered far away from his home, he finally returns to it. Perhaps, after all, we who live in cities, are members of lost tribes, strayed away from our native heath. And when we come back to it, the native treats us just as he treats one of his own kin who goes off to the city to live and then comes back. Suspicion mingles with curiosity, prejudice with pride.

THE city man—you find this especially true of American city men traveling in foreign lands—is apt to judge the culture of a strange place by its standard of sanitation. We have become obsessed, we city folk, with modern plumbing and with modern conveniences generally. We forget that other worlds have other standards, and that the standards of the country are things you rarely think about in town. The straight furrow, the abundant stand of corn, the healthy live stock, the productive chickens, the neatness and order of a barn, the capacity of a hayloft, the condition of farm implements, the richness of the soil—on such things the standards of the country are based. And until you appreciate their worth, you cannot understand either the vernacular or the standards of the native. And, until you adopt some of those standards, the native will not adopt you.

There is a phrase that we apply to men who lose their sense of civilization; we say that they "go native". A man gone native in a primitive land is something to blush for; but there is a way of going native in one's own land that may be a source of pride. You may return to the country and find there the full satisfaction for the needs of your life. You may surround yourself with native folk who understand you and whom you understand. You then attain a peculiar state of bliss. You may even attain a state of ignorant bliss. You may even be satisfied with a crooked wall! Well, what if the wall is crooked, so long as it was laid up by hands that can still caress the same girl after sixty years!





IN THE VERNACULAR OF PENNSYLVANIA

Each [illegible] for acquired or still [illegible] appears in [illegible] architectural styles, [illegible] Hale [illegible] [illegible] Samuel M. L. H. Gaskins, as Architects. [illegible] "Pennsylvania vernacular" at the [illegible] Architectural Club. Edward Pope was the architect.

PANELING WITH PAPE

In Place of all-over Effects It is Often Advisable to Have Only Partially Covered Walls

NANCY McCLELLAND

"WHAT lovely painted doors!" exclaimed a visitor to a new house, as she was ushered on her tour of inspection into a small dressing room lined with cupboards.

The hostess laughed. "It isn't paint—it's wall-paper", she said frankly, "we got a good design; cut and fitted it into panels; finished it with a narrow paper moulding, and shellacked it. That is the secret of my lovely painted doors!"

The same visitor stood later in the living room of an old Long Island farm-house, admiring a quaint picture that had been paneled into its place above the mantel.

"You know what it is, don't you?" explained the proud mistress of the house. "An old wall-paper fireboard picture that I found in my grandmother's attic. She used it to screen the empty fireplace in the summer time. I have paneled it in as my mantel decoration, and I'm proud of it. Could anything suit the room better?"

A New York apartment yielded another new discovery. On the long wall, back of the side board, was a colorful landscape panel with green foliage, a prancing white horse, ladies in flowing robes. "Is it a tapestry?" the visitor asked—cautious this time. "No, it's a fragment of an o scenic wall-paper", came the answer "Just enough, fortunately, to take the pla of a tapestry in this room."

There seem to be a hundred new ways using wall-paper today, apart from its uti ity for minor decorative objects like lan shades, boxes, desk sets and screens.

Small wonder that it has been whims cally called the "tapestry of the poor", b cause of its extraordinary capability giving the effect of a much richer and mo costly decoration. At this particular m



Mary A. Wallace

A Chinoiserie paper treated with a coat of orange shellac to give the effect of an old Chinese painting, makes a singularly effective over-mantel decoration in a bedroom. It is in the home of Mrs. James Preston, in New York City



Old paper gives make a splendid wall decoration for a small sitting room in the New York home of Lewis Ernest. The architectural is marbleized to give the illusion of statues standing in niches



In the New York home of Lewis Ernest Wright a charming wall panel is placed at a right angle on a pedestal and bearing a basket of flowers made from the paper cut in small bits

ment, when architects, mural painters and interior decorators will all bear witness to the fact that the decorated wall is steadily growing in favor, wall-paper is a valuable asset, worthy of careful consideration.

As in the case of many other decorations, however, one must have real knowledge and appreciation of wall-paper in order to get the best results. Used without special thought, left to a paper hanger to install according to his own notions, wall-paper is simply wall-paper. Used by an artist of fine discrimination it may be made to take the place of tapestries, of printed fabrics, of woven stuffs, or even of paintings and statuary. To a certain extent wall-paper actually gives a room the effect afforded by these decorations which it imitates.

It is only recently that we have learned the delight of partially-papered walls, as compared with walls that are wholly covered with paper. We have just discovered that what is left out accentuates and enhances what is there. Yet, as a matter of fact, the use of wall-paper in panels is a well-known fashion of the eighteenth century. Not everyone, even in the luxurious days of the Louis, could command a wall decoration specially painted to order by Watteau or Boucher or one or another of the famous mural decorators of the century. Wall-paper done in delicate arabesques or studied designs offered an inexpensive substitute for the works of the great artists. So came the fashion of setting paper into wood-panelled walls.

(Continued on page 130)

COLOR SCHEMES FROM OUT-OF-DOORS

Suggestions for the Treatment of Five Different Rooms Inspired by Freshly Colored, Gay, Flower-Filled Chintzes

ANGELICA PAGE

For a Lilac Bed Room

A COLOR SCHEME for a lilac bed room might consist of the following:

Fabric: Cretonne (shown at right). Putty ground with slight mauve cast. Sprays of lavender and mauve lilacs. Small pale yellow roses and gray-green leaves.

Walls: Pale pinkish mauve with woodwork to match.

Curtains: Cretonne, made with narrow pleated ruffles of mauve taffeta. Under curtains of écru colored net.

Furniture: Bed painted gray-green with blue lines. Yellow strié taffeta spread corded in mauve. Chaise longue in mauve taffeta with pillows in blue corded in pink. Dressing table painted

(*Continued on page* 142)



For a Lilac Bed Room

For a Narcissus Bed Room

For a Narcissus Bed Room

A color scheme for a Narcissus bed room might consist of the following:

Fabric: Semi-glazed chintz (shown at left). Broad stripes in background—white and light apple green. White narcissi. Leaves in green, blue-green, and reddish pink. Sprays of small bright blue flowers. Touches of yellow occasionally.

Walls: White plaster, with woodwork painted apple green.

Curtains: Narcissus chintz bound in deep rose red and looped back over pink glass tie backs. Under curtains of white organdie with fluted ruffles.

Furniture: Mahogany bed with spread of blue taffeta or poplin, scalloped and bound in deep rose red.

(*Continued on page* 142)

For a Tulip Room

A color scheme for a tulip room might consist of the following:

Fabric: Semi-glazed chintz (below). Ground peach color with tulips in violet, deep rose, yellow and white. Dull green leaves. Pot in medium brown with touches of yellow. Because of the formal character of this pattern the walls should be paneled and painted dull violet with green moldings.

Draperies: Tulip chintz bound with plain violet glazed chintz. Under curtains

(*Continued on page* 142)



For a Tulip Room



For an Early American Dining Room

For an Early American Dining Room

A color scheme for an early American dining room might consist of the following:

Fabric: Chintz (above). Sand ground and long sprays of fox gloves in plum color, purplish blue and purple. Some yellow in design. Soft green leaves.

Walls: Sand color. Woodwork the same tone with line of blue in moldings.

Curtains: Chintz bound with purple. Under curtains of écru organdie or dotted Swiss made with ruffles.

Furniture: Maple table and open dresser. Chairs with painted flower decorations on

(*Continued on page* 142)

For a Rose Morning Room

A color scheme for a rose morning room might consist of the following:

Fabric: Semi-glazed chintz (below). Soft green ground. Clusters of deep pink roses and white wild roses. Ferns in blue and blue-green. A little plum color in the design.

Walls and Woodwork: Soft pale pink.

Curtains: Chintz bound in blue. Under curtains of fine cream net or shell pink gauze.

Furniture: Overstuffed sofa in plum

(*Continued on page* 142)



For a Rose Morning Room

THREE PAGES of BEAUTIFUL GARDENS

In France, England and America



In France there are signs of the return of the formal parterre in garden design. Against a background of trees, their closely pruned yew and box hedges embroidered with an intricacy equal to the clipped lace. It makes a beautiful setting for the fountain.



Contrasted with the formal parterre is the informality of the orchard with box. Imagine this orchard in the spring with the apple blossoms, then the beds of Tulips, perennial [illegible]



Two glimpses of an English garden showing first the Tulips against the green walls, then the same beds in summer filled with Snapdragon and other annuals



A near view of one of the beds shows yellow Darwin Tulips lifting their golden chalices above the harmonizing ground cover of deep blue Forget-me-nots





The garden here on this page is the personal estate of Lewis Beebe Wilder's garden at Bronxville, N. Y. The middle part, with its [illegible] regularly shaped beds of Tulips growing behind Sweet William. The Tulips gone, the Sweet William carries on the garden color

The personal side of Mrs. Wilder's garden is a series of terrace beds along a bank, with stone retaining walls and with a background of trees and [illegible]. Here are beds given to Iris and Peonies, to Roses, to Lupins and Delphiniums and all the interesting [illegible] of herbaceous plants

GEORGIAN VALANCE

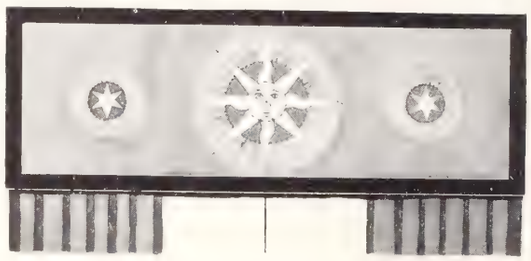
Embroidered Pelmets Revive a Work for the Needlewoman and a Phase of Old-fashioned Decorating

MARY WORTHINGTON

IF ONE looks into the matter, it is mostly from France that our popular styles in fabrics come. But it is the more discerning public that can adapt a less popular style, and one from England now promises to suit our taste. It is the use of the Georgian pelmet—a strip of needlework used as a valance for curtains.

Needlework, in all forms, has become popular, as the footstool covers and fire screens of *gros* and *petit point* bear witness. Crewel-work curtains are found to be charming used with wooden paneled walls. The richness of varied colored wools and the rather heavy texture of a needlework pelmet are set off beautifully when used next to woodwork, preferably in its natural finish, not painted. The molding should be rounded and heavy, if the pattern of the pelmet is heavy with color and design and if the worsted is of a thick quality.

Pelmets can easily be used now, as there is a revival in designs. They are worked out on canvas in long strips. A much more handy and less bulky bundle to carry around, for working in an idle tea hour, than a large seat cover or fire screen! The stitch is a simple cross-stitch or perhaps a tapestry-stitch. The design should be graceful and flowing, as, for instance, on a green background a conventionalized vine of Lilies or Morning Glories. The pattern and color of the undercurtains should be taken into account before deciding on the pelmet. The color of the curtains should be brought up into the pelmet. For example, a green taffeta curtain might have a darker green or a *tête de nègre* binding. The background of the pelmet should be green, a lighter tone than the curtain, and a plain edge of brown should be worked in, as a narrow border. The length of the pelmet is determined by the width of the window, and I prefer that the border be worked all the way around, as it will thus look more finished, being completely enclosed. If the pattern is continuous, it looks as though the lengths had been bought by the yard and just cut up to suit ea window length. The border frames like a flower picture. On the other hai many long strips, sometimes of seve yards, can be picked up at antique sh and cut into strips; these make chari ing pelmets. As a rule, these were do in the Victorian or Georgian time, a the wool is still bright, as it was of e cellent quality.

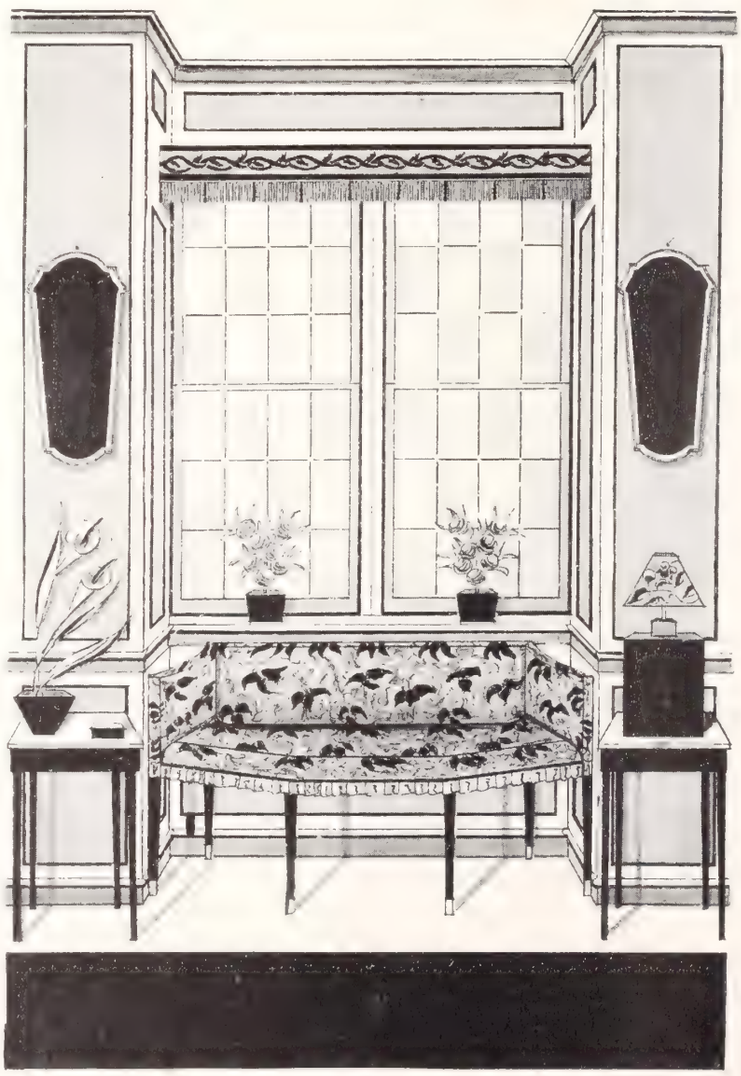


A sun and stars embroidered in yellow on a pale blue ground make a cheerful top-piece over blue glazed chintz curtains

One can often find long and narro strips, perhaps too narrow for a lar window, and may add a woolen frin to deepen it, as illustrated in the sket of the bay window. This strip had border, so it had to be bound with brow broadcloth. In windows such as thes where no curtaining is needed in t daytime, the pelmet concea a roller shade of heavy brow holland which, when draw at night, tones in nicely wit the colors of the valance. O if one prefers, a heavy du silk can be used as draw cu tains. Generally, howeve with the gayness of the pa tern of the pelmet a pla curtain, without design, preferable.

Sometimes, when the pa tern is a strong repeat design linen curtains of a conven tionalized design are effec tive. For example, the color o the background of the pelme if bottle green, with the desig in tan and rose, could b combined with a rose and ta linen or chintz, with a littl green in it. Or the back-ground might be deep brownish orange with a Bermuda blue design and the cretonne could be a combination of orange, blue and green. If the pattern of the curtain is confusing or indefinite, the tones and design of the pelmet should be definite and arresting.

The pelmet should be a



A valance of needlework with a heavy silk fringe gives dignity to a formal bay window of a sun parlor. The window is uncurtained

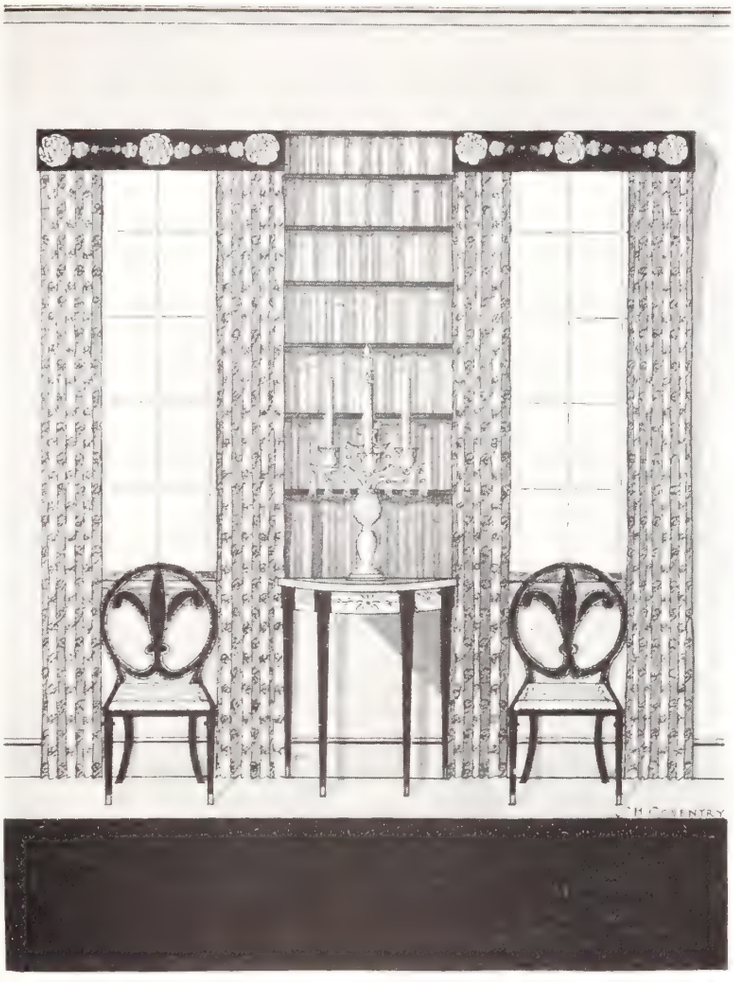
note of real value in the decoration of the room. I have in mind a beautiful China blue, only to be found in old worsted, with a design of Lilies in white and soft gray with green leaves. The undercurtains, which have enough fulness to allow them to hang in deep decided folds, are of the same China blue color in glazed chintz. The crispness of the texture of the glaze sets off the wool of the needlework to its greatest advantage. Another in tones of Burgundy red, a real Victorian "afgan" color has a vine of sage and leaf green. The curtains below are of dull upholsterer's satin in the sage green. The wine color positively scintillates as thrown against the soft green. A fine sunfast sateen of heavy texture would prove an excellent material to combine with needlework.

If one finds the stitching of an entire needlework background too tedious, a pattern of needlework can be applied onto a flannel or broadcloth or felt background. The same material is used to bind the plain rep, used as draperies.

After the needlework band is finished it should have a lining of sateen, with a tape through the top to slip the rod through. If the pelmet needs strengthening an interlining of buckram may be used. This may be tacked onto the window casing or to a regular valance board.

For a library one might do a few of Aesop's Fables and let one's fancy run riot. Animals always look better than humans in needlework. They have a *naïveté* in their *gros point*, which is often more charming than the sophistication of petit point faces of crusaders and spineless demoiselles.

Pelmet stitching can be the alluring accompaniment to the rocking chair gossip of the hotel piazza, and one feels in using them a jump ahead of a new fashion in interior decorating. And rest assured that the antique shops of New England and old England are sure to dig up treasures for the pelmet-prying public.



(Above) Roses worked out in graduated sizes and in natural colors make an original and inexpensive finish for glazed chintz curtains of any floral pattern

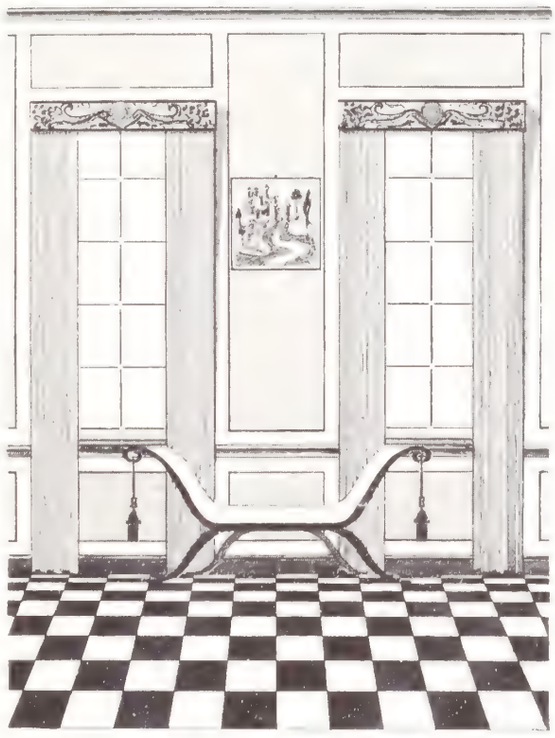


Embroidered pelmets can follow any design or color scheme desired. This pattern might be worked out in old gold on a brown ground, following an old pattern



(Left) For a bedroom valance over a chintz bed canopy with underneath a row of [illegible] flowers in white to natural colors on a blue ground. With this the curtains could be a pale blue and white glazed chintz

These valance boards, after an old Coventry design by Adam, have a white ground embroidered with silver, gold and violet. The curtains are of heavy violet and white silk. They are suitable for a formal type of room



LIGHTING THE PIANO

Some Suggestions for Dressing This Instrument So That It Becomes an Object of Decoration

MRS. SOMERSET MAUGHAM

A PIANO in a living room or music room is apt to be the proverbial white elephant in furnishing—only the horror is generally black. A white lacquered piano—the "blanc de chine" white—not "white of snow," or "white of flour," might be a thing of beauty. I have seen such a piano in a London house but the creation was the whim of an æsthetic millionaire who had it fashioned to go with some red and white Queen Anne pieces in a setting of robin's egg blue. Most of us, the people who possess a piano because life wouldn't be worth living without it, and the others who own one because "the mountain of music" has always been in the scenic setting of their lives, must be content with the ebon variety.

The voice of the piano may have charms for the savage breast but the silent wooden servant in the corner of even the most spacious room arouses the ire of the furnisher who is trying to make the room a graceful harmony of form and color. Any piano younger than the spindle-legged pianos of our great grandmothers is an ungainly decorative object. Then its color is against it. An inky pool, yards in circumference, is sure to bring discord into any color arrangement. How can we combat its ugliness? What can be done to hide some of its glistening surface? The interior that is being built according

(*Continued on page* 126)



A mirror over the piano reflects light from the chandelier and a floor lamp lights the music. Mrs. Maugham is the decorator of these rooms

In the room below the piano is lighted by a lustre chandelier in a small alcove at the left and by shade candelabra on each side of the performer

Brocade is used for the covering of the piano in the view to the left. A floor lamp by the piano and candelabra on each side light the keyboard





A LITTLE PORTFOLIO OF GOOD INTERIORS



[illegible] William L. Ware Jr. New York City [illegible] a colonial mirror by a graceful [illegible] Lowestoft cream of de orative flowered chintz. The paneled walls here are antique ivory in color but the drawing room beyond has plain painted walls in a soft [illegible] Dolobran [illegible]



G. W. Harting

A striking linen with an arbor design amid a charming profusion of garden flowers makes the bedspreads and curtains in this guest room in the New York home of Mrs. Harry Horton. The walls are apple green and the dressing table green, raspberry and soft cream taffeta



At the left is a man's bed-sitting room with tan walls and a tête de nègre carpet. This coloring is enlivened by Jacobean linen curtains in green, orange and mauve, and upholstery in orange velvet. In the New York home of Dixon Boardman. Agnes Foster Wright, decorator



This corner of a music room, another view of which appears on the opposite page, shows an old Sheraton table used as a desk, a comfortable arm chair done in green wool, and a practical daybed covered in striped silk, in a tone lying between that of the tan walls and the carpet



A large room in this new house is divided into a library and music room by a pair of fine old Coromandel screens which inspired the flame, rose and coral tones of the upholstery and curtains. The walls are done a pale pink. Agnes Foster Wright was the decorator of both rooms





(Above) Hardy Candytuft, which is easy to raise from seed, is part of the rock garden's Spring display. In Spring it usually needs a light clipping back to keep it from getting straggly

Campanula garganica pallida is easily divided in Spring and used for filling bare spaces

(Right) Saxifraga Tolmiei, a mossy type, enjoys a spring dressing of sand and leaf soil





APRIL WORK *in the* ROCK GARDEN

The Beginning of Abundant Bloom

LOUISE BEEBE WILDER

LONG before the April day when these notes appear there have been expectant visits to many rock gardens. Though battened down with snow, or lying snug beneath a shrouding blanket of leaves or salt hay, a mysterious sense of promise seems to float above the humped and gullied masses; a sense of life and of things happening. And if you go thither at almost any time during the winter and very early spring and lift a corner of the blanket, or dig a hole in the snow, you will seldom be disappointed. Quite certainly you will find something green and fresh and heartening to look upon, if only a moist, fresh Primrose leaf, or a solitary Snowdrop, furled and budded, biding its time.

Early in March, if this crusty month be not too bitter cold, investigation may bring to light ranks of green and white crystaline Snowdrops, Christmas Roses ready to blow, little heaps of green gold nuggets that are the buds of the Adonis, unnumbered points of brilliant green sent up by the little bulbs. And if the snow be not too heavy winter Crocuses are thrust through and brush the whiteness with purple shadows.

This is perhaps the most intriguing season of the year to the gardener—to the rock garden it is the most perilous. The desire to lay back the winter blanket and allow this impatient budding and blowing to go on without let or hinderance amounts to a fine frenzy. But this is exactly what must not happen. Such dire consequences follow upon a too early or too hasty uncovering, that too much cannot be urged against it. I have seen a newly unblanketed rock garden, its surface sprigged with fragile bloom and freshest green, burned almost black under the cruel switching of the wild spring winds a few hours after its release.

The beating, drying winds are the scourge of this early season. The secret of safety is to remove the covering by slow degrees, thinning it day by day—one's eye on the weather—letting in those sharp breezes little by little in order that the coddled plants may become gradually hardened. If

Anthemis montana, an American alpine, carries pale Daisies above a mass of lace-like silver foliage. It requires to be top-dressed twice a year and is easily divided in Spring

winter blanket has been of oak leaves a
od plan is to lift the light branches that
d them in place and let the wind begin
uncovering. Very soon you may take a
nd, and soon the hills and valleys and
le plains will be quite clear, the earth
ing off tingling odors and hundreds of
nts preening, smiling, blossoming.

A bamboo rake is a light and handy im-
ment to use in clearing the rock garden.
does not tear the tender growths, nor up-
ot the frost-loosened plants. Much of
s work must be done by hand, however.
nly sensitive fingers can work the last of
leaves and litter from among the matted
nts. A small whisk broom may be used
those who do not like the touch of the
mp earth. No date can be set for the be-
nning of this task, none for its com-
etion, for it will vary every year and in
ery locality. The gardener must deal
gorously with himself, and feel his way.

And now with the garden clear and all
pectant of ministrations, let me say that
e labor entailed in its care is far lighter
an is required in most other kinds of gar-
ning. If the soil and the construction
ve been properly prepared in the first
ace, the earth will not bake and crack and
oisture will be retained in a comforting
gree. Thus is the arduous stirring and
ltivating eliminated. Nor is there heavy
gging to be done, nor staking of top-
y plants; no training of prickly climb-
rs—hateful task—no lifting and dividing
f heavy old border favorites. The barrow
seldom needed and the tools required are
ght.

Once in a while you may be faced with the
ecessity of shifting a hundred-pound rock,
r of altering the physiognomy of a moun-
ain, but this will not be often. The task
hat will be ever before you is *weeding*. It
s never to be neglected. You must weed as
ever before and with meticulous care. Let
ne stout-hearted weed—and they are all
tout-hearted—become firmly rooted among
the stones, it is there for a long stay, prob-
ably forever. Thence will its roots set out
to prowl and creep, insinuating themselves
under and over and around the stones, re-
lentlessly threading themselves among the
growths and tender rootlets of the choicest
among our collection and eventually squeez-
ing them to death. Others sow their seed
wildly, casting it in all directions, so that
where one was, in the twinkling of an
eye there will be hundreds. Grass, white
Clover, Pussley, Chickweed, a crafty yel-
low-flowered Lady's Sorrel, a wretch with
the high-sounding name of *Galinsoga*
parviflora, an annual possessing power to
become a centennarian through its undying

(Continued on page 130)





(Above) There are many delightful Creeping Phloxes, among them a gray-blue, Phlox subulata G. F. Wilson. All creeping Phloxes should be divided and reset every few years



Edraianthus dalmatica, a relative of the Harebells, likes a high, dry place and a warm, light soil

(Left) Phlox multiflora, from the Rocky Mountains, calls for a hot, dry summer in Spring



THE DOGWOOD AND THEIR GREAT VARIET

A Type for Every Season

E. H. WILSON, V. M. H.



After an early summer season of white flowers the branches of the Silky Dogwood, Cornus paniculata, are covered with clusters of rich blue berries



The flowers of the Japanese Dogwood, C. Kousa, are similar in size to those of the native Flowering Dogwood but more loosely formed and more thickly massed

THE Dogwood family is about th most gifted among all the floweri trees and shrubs. Its members manage t take an important part in every seaso From the prelude to spring of the yello clustered blossoms on the Cornelian Cher to the great autumn chorus of color i which the whole clan joins there is scarcel a moment when several of the group ar not on the verge of dominating the scen

In the woods and copses of the easter United States there is no more lovely tre than the Flowering Dogwood *(C. florida)* the envy and despair of our Europea cousins who love plants. There is no mor strikingly handsome flowering tree in th temperate forest of the northern Hemi sphere than the wonderful *C. nuttallii* o western North America, sometimes eight feet tall with white chalices 6 to 9 inche across, so abundant as to drape the crown



Roundleaf Dogwood, C. rugosa, is a sturdy shrub whose cream flowers are followed by fruits which change from blue to whit

and the tree stands out a pillar of white in the dark forests of Vancouver Island. The Bunchberry *(C. canadensis)*, the diminutive brother of these remarkable trees, is not one whit less lovely, nestling on rocks and starring with white the floor of America's northern forests. In the dull gray days of midwinter nothing could be more cheery than the crimson stems of the Osier Dogwood *(C. stolonifera)*; and among the galaxy of ornamental fruits we fortunates enjoy, what are more handsome than the clusters of rich blue on the Silky Cornel *(C. Amomum)* and the pure white berries topping the scarlet stalks of *C. racemosa*? These are native of North America but they have relatives in Europe and Asia possessed of rare beauty which have been brought to our shores by sundry agencies and are ours to enjoy at will.

The Dogwoods are all of easy culture though some of the tree forms like *C. alternifolia* and *C. macrophylla* dislike transplanting. All like a good loamy soil, well-drained, but with abundant moisture. They may be raised from seeds, and those of osier-habit are easily propagated by cuttings in the fall; those of stoloniferous habit by offsets; others by layers. Their uses in gardens are manifold. As a specimen on the lawn nothing is finer than the Flowering Dogwood *(C. florida)* and its pink relative; and grouped on the edge of woodlands or across a pond its charm is irresistible. For the effect of winter stems the same

(*Continued on page 100*)



One of the most effective of all upland is the Lavalleé Dogwood, C. pagoda, with its myriad fondest branches set here white berries



A closer view of a branch of the Japanese Dogwood shows the characteristic informality of its individual flowers whose petals have an interesting and picturesque flare



In Northeastern America the Flowering Dogwood is unquestionably the queen of the spring woods. It seems to bring the Milky Way down to earth

SOME NOTES ON WOOD SHINGLES

Moderate Cost and Sightliness Further the Constant Use of This Characteristic Roof Covering

FREDERICK HOUSTON

THE pioneer occupation of the youthful Lincoln gave him the title of "Rail Splitter" but it is likely that a portion of his boyhood energy went into the production of "shakes", or hand-split shingles. Shakes have been the accompaniment of pioneering in this country since New England received her first quota of Pilgrims, and Jamestown the first consignment of Ancestors. Now that real pioneering is largely past, the shake has become a rarity, and is found "home grown" only in a few isolated districts where the railroad and the sawmill are not near at hand. In shut off portions of the Blue Ridge, for instance where no machine sawn shingles, tin or rubber roofing find their way in, the primitive shake is occasionally to be seen as a native product.

The converting of wood into roof covering is more or less common in all countries where suitable timber is at hand for the purpose. The use of shakes still continues in parts of Asia. In Bhutan, in the Himalayas, up north of the Bay of Bengal, great old masonry strongholds are roofed with very long shakes—weighted down with stones as a safeguard against the winter winds, just as the thing is done on the Swiss Chalet in the European Alps.

The use of wood shingles is a custom of long standing in Scandinavian Europe. Authorities tell us that wood shingles were prevalent in England down through the 14th Century, and that they continued in use much later on village church spires in southeast England, where they are still to be seen in place.

To a large extent the shingle industry in the United States has moved to the Pacific Northwest, though the California redwood, the cypress of the swamp edges of the South, and the white cedar of Wisconsin and Michigan supply us with a considerable quantity.

In the northwest, there is a great stand of red cedar, gigantic old trees which look as though each of them would shingle a town. According to reports, about 75% of our shingle supply comes from Washington and Oregon, and from British Columbia across the border in Canada.

Many efforts are made to give the shingle roof more interest both in color and in texture than is found in the quiet respectable effect secured with the usual method of laying and the weathering of the natural wood. The most extreme of these efforts is the imitation thatch, which is to be thoroughly condemned as ugly and un-natural. The fussy construction work required to provide the bloated eaves, is a useless expense, undergone for a forced effect.

There are other and better ways of getting surface variation. A very good one is "doubling up" every fourth or fifth course, so that the butts or lower ends are doubled and provide a break and a deeper shadow at intervals in the usual surface. This is particularly successful when the roof is of the hipped variety, and the strong cross lines with the fainter intermediate ones turn nicely around the corners.

Another method is to avoid straight cross lines in laying, by setting each shingle above or below the line of its neighbor, securing in this way well broken cross lines. This scheme can easily be carried too far. The extreme of this method becomes suitable for the

(*Continued on page* 140)



From such giant Red Cedars of the northwest the larger portion of our shingles are sawn today. Others come from Redwood, Cypress and White Cedar



Avoid flat sawn shingles. This sawing gives an unequal exposure of soft and hard layers



A properly sawn shingle has an edge grain: soft and hard layers are equally distributed



Spanish architecture came to California with her first settlers. So long has it been in the land and so perfectly does it suit the climate that it is practically a native style. California is one of the few places in this country where the Spanish type of house seems perfectly at home



The arcade above is a detail of the home of Mr. M. Burke, at Santa Barbara, of which George Washington Smith was the architect, and that to the left Mr. Smith's own home. The white walls, the Spanish tiles, the handling of the balcony and grilles, even the outside sun curtains on Miss Burke's house are all interesting features of the Spanish interpretation in California

THESE HOUSES SHOW HOW CAREFULLY SOME CALIFORNIA ARCHITECTS ARE PRESERVING THEIR NATIVE TRADITION





The house shown on these two pages is the home of J. B. Alexander, at Montecito Cal., of which James Osborne Craig was architect. It is a small house of livable design

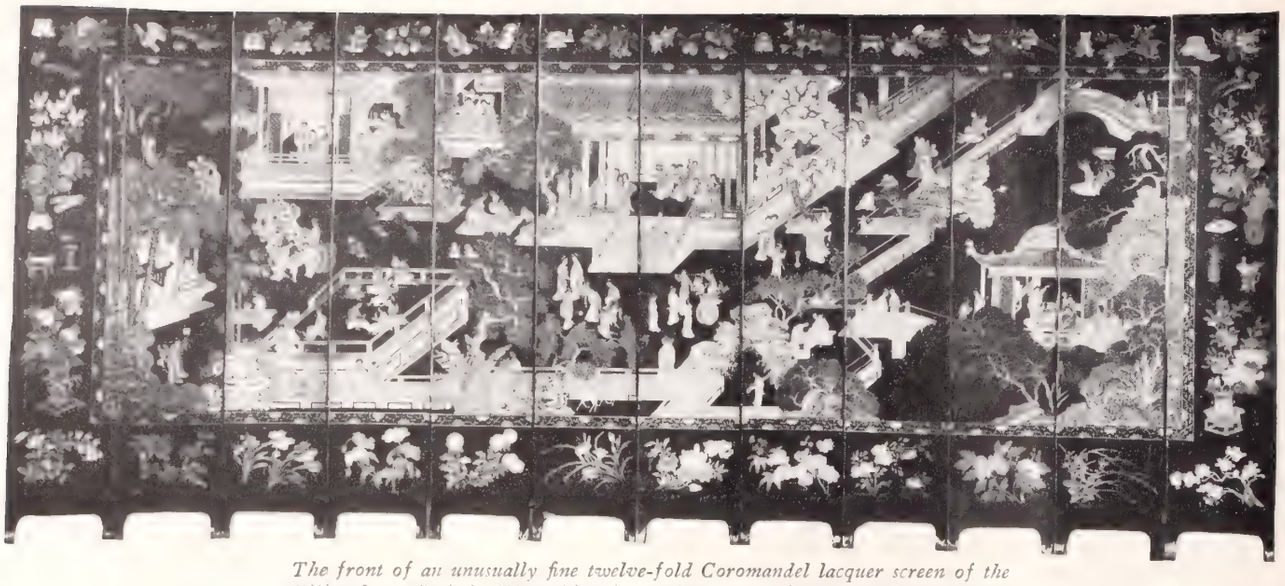
A pleasant combination of brick, wood, tile and stucco is found in this side entrance from the terrace. Nothing could be simpler in design, yet how well it suits the house



The street side has a wide porch and paved terrace, one step above the level of the lawn. It has been planted with careful respect for the old trees that give shade to the house



The approach to the house is up a brick path laid across the wide grassy lawn. I soon saw people de- sign themselves to suit the... to have pa... stones to the entrance



The front of an unusually fine twelve-fold Coromandel lacquer screen of the Ch'ien Lung Period. The subject is a palace scene of the Han Dynasty, bordered with flower sprays and symbols used by Chinese artists. From the Royal Ontario Museum of Archaeology, Toronto

PALACES AND PARADISES

The Superb Coromandel Lacquer Screens of Eighteenth Century China and Their Interesting Story

GARDNER TEALL

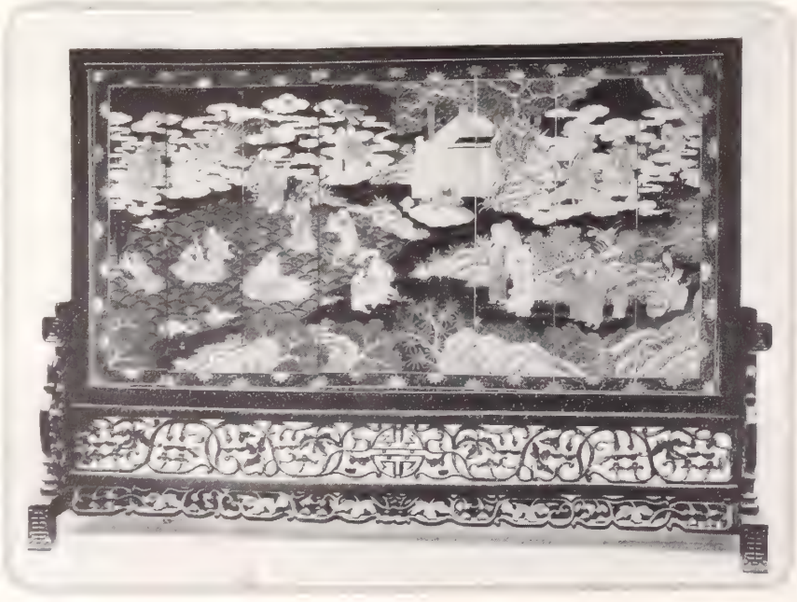
THE word Coromandel is a misnomer, in so far as the origin of lacquer objects of this genre is concerned. The name is derived from that part of the eastern coast of southern India stretching from the Kistna River to Palk Strait and known as the Coromandel Coast. When Dutch and Portuguese traders of the 17th Century succeeded in establishing commercial relations with the Chinese, they located their posts for assembling merchandise, preparatory to sending it on its long and perilous voyage to Europe, on this coast, and many of the strange things which they collected there and sent thence to Holland and to Portugal were referred to in the home countries as "things from Coromandel." Thus the remarkable screens carved and lacquered, richly painted and gilded, with their decoration in strong contrast to their lustrous black grounds, were, though of purely Chinese origin and fabrication, referred to by 17th Century art-lovers and those of the centuries following as Coromandel lacquers, "*Ces laques du Coromandel.*" Cardinal Mazarin knew and collected them by this name.

Art objects in Coromandel lacquer probably originated in the Chinese province of Honan which lies to the south-east of Peking, a province long celebrated for its fine porcelains. A Chinese critic of the Ming Dynasty, writing in A.D. 1387, describes richly carved and colored lacquer work as already being known as an ancient art in his own time. However ancient it may have been, we do not appear to have any authentic examples of the Coromandel type which antedate the late 17th Century.

The art of Coromandel lacquer reached its culmination during the reign of the Emperor Ch'ien Lung (A.D. 1736-1796). After his death the art declined, although some very beautiful examples of this lacquer followed which lacked in degree the esthetic intensity of earlier productions. It was in this reign that a Portuguese embassy succeeded in reaching Peking, 1730, followed by Lord Macartney's and that of the Dutch in 1793.

The Coromandel screens were objects on which the Chinese craftsman in lacquer lavished his infinite patience and extraordinary skill. The decoration was applied to both sides of the four- to twelve-fold screen, as the case might be, these folds being from five to twelve feet in height. Those in the Royal Ontario Museum of Archaeology in Toronto (seven in number) vary from about seven to nine and one-half feet. Two Coromandel screens in the Victoria and Albert (South Kensington) Museum in London stand eight feet two and one-half inches and eight feet ten inches respectively and have a length of nineteen feet

(*Continued on page* 116)



An eight-panel Chinese Coromandel lacquer screen of the Ch'ien Lung Period. From the collection of the Metropolitan Museum of Art



The back of the screen, of which the front is shown opposite, is decorated with forty bird and flower, landscape and figure panels, and flower and symbol decorations on the ends



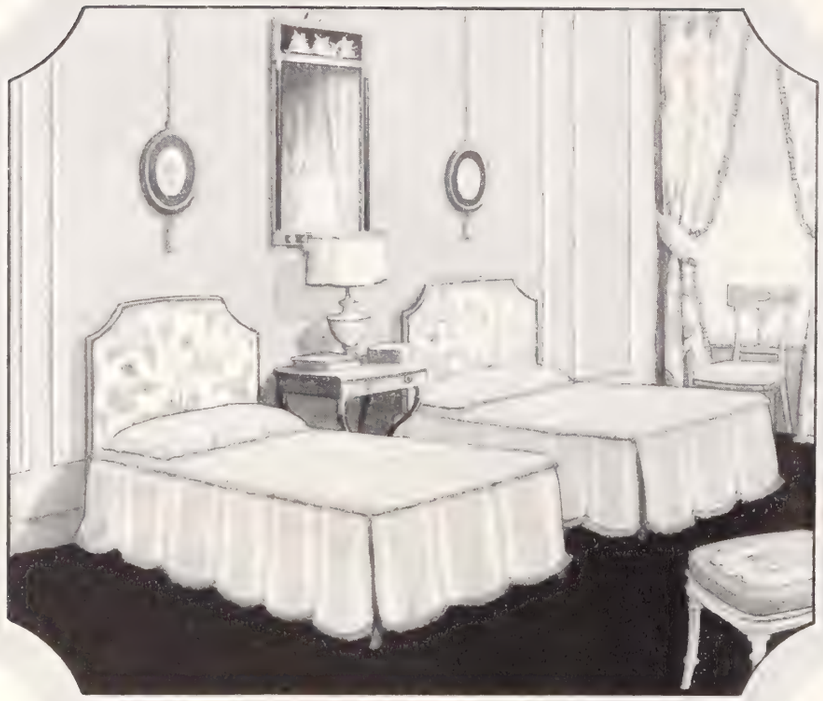
Detail of a twelve-fold screen in the Metropolitan Museum of Art, Yen Li-pen and the artist and the screen late from which a Chinese Empress and attendant are depicted

(Below) Six panels of a twelve-panel Coromandel lacquer screen that dates from the China Dynasty. Bird and flower motifs are used. By courtesy of the Art Institute of Chicago



The panel of a Coromandel lacquer screen of the Kang-hsi Dynasty (about 1700). The cracked-ice finish, most common of the lacquer can be easily noticed in this close-up view of the panel





An ugly head board may be covered with a colorful glazed chintz, as shown in the picture above. Here the spreads are of striped linen to harmonize with the coloring of the chintz, trimmed with matching ribbon. Designed by Ekin Wallick



The picture at the left shows an excellent treatment for a four poster bed. The curtains, spread, valance and tester are of figured chintz but the hanging behind the bed is of sateen in a harmonizing color. The Hollow, decorators



A bedspread of pale blue taffeta quilted in silver has been used on the painted bed in the picture at the right. The double flounce is trimmed with narrow pleatings of pink taffeta picoted in silver. From Chapin, Harper & Dutel



Simple but very smart is the spread on the French bed above. This is made of a beautiful old brocade and is without trimming of any kind. The same material is used for the canopy. Diane Tate & Marian Hall, Inc., decorators



Cream colored dotted net over a slip of pale yellow sateen makes a charming bedspread for a country house guest room. It is trimmed with a ruching of yellow taffeta

BEDSPREADS OF COLORFUL VARIETY

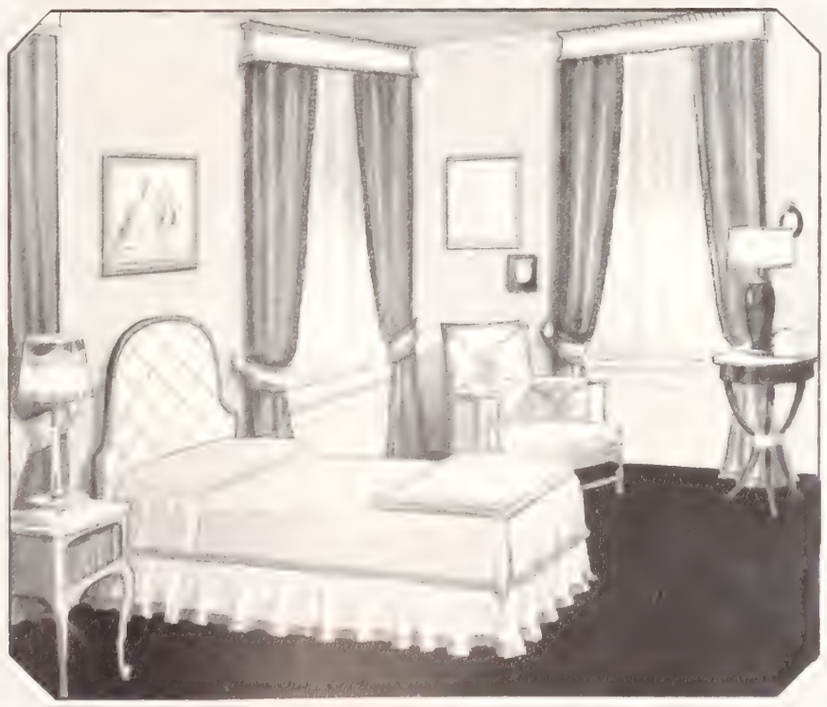
Practical Designs, Delightful Materials and Interesting Trimmings Distinguish the Spreads of the Present Day

MARGARET McELROY

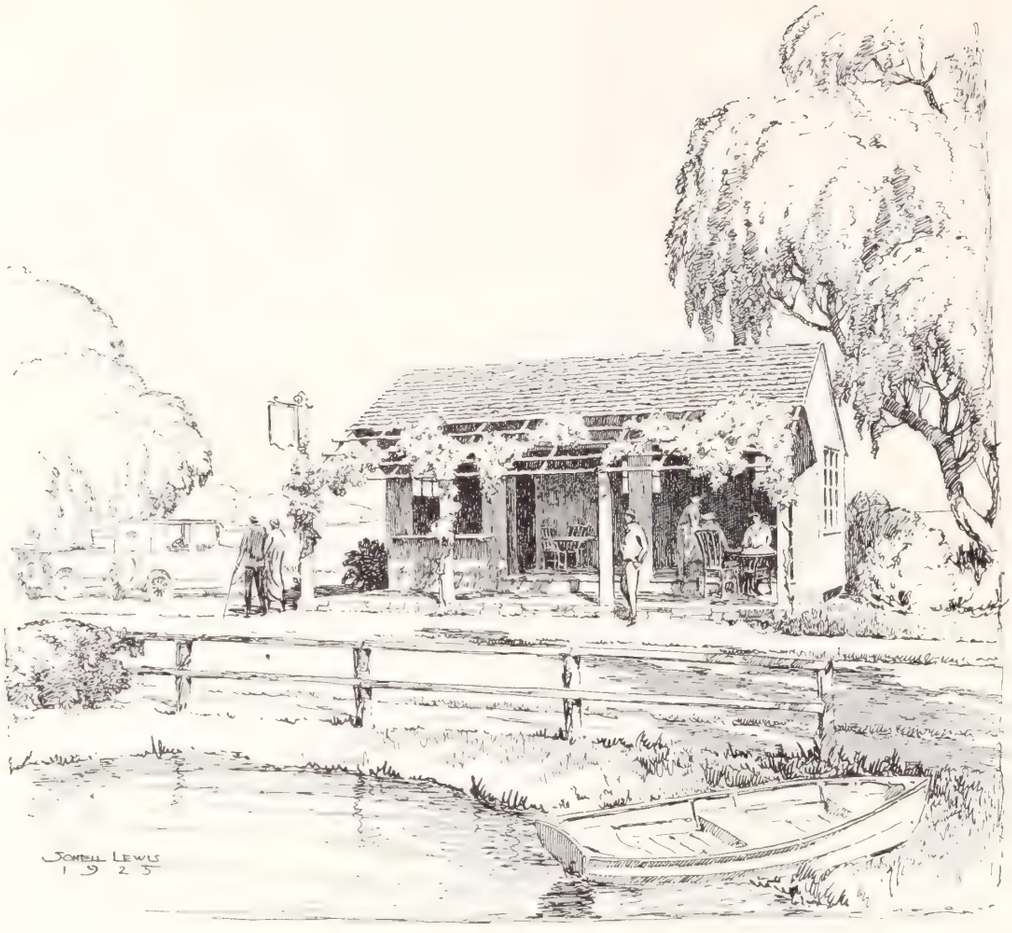
IN one of the most delightful bedrooms I have ever seen the main interest from decorative standpoint centered on the bedspread. The bed was walnut in a classic Directoire design, the walls pale blue, and the hangings blue taffeta bound in pink, over shell pink gauze under curtains. A small chair covered in pink and white toile brought an effective bit of design into the room and the bedspread was a charmingly decorative thing of pale blue moire trimmed with narrow French ribbon in two shades of pink. This finished the edges and made an interesting pointed design on the valance.

As the bed is without question the dominant factor in a bedroom, the utmost care should be taken to have it correct in every detail. While not given the prominence of the beds of olden days, which were frequently raised on a dais and smothered in

(*Continued on page* 134)



A lattice glazed chintz in pink and white covers the head board and makes the flounce, which is trimmed with a pleated ruffle of pink taffeta. The spread is brown taffeta edged in pink. Ekin Wallick, decorator



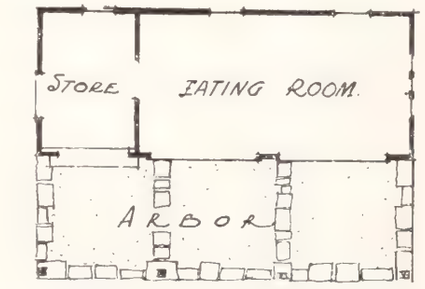
SOME BOOTHS FOR TOWN BETTERMENT

Three Designs Are Offered for Roadside Refreshment Stands

Which Would Improve the Present Appearance of Highways

ONE of the necessities—at least one of the great conveniences—of long distance motoring is the chance to stop almost at will for lunch or refreshment. A few years ago there was not this convenience; occasional road-houses, country hotels, and shops in small towns were the only opportunities. Now there is. Practically every highway, not to mention byways, is equipped to care for the hungry and thirsty motorist. But as with many innovations of this sort the commercial growth of the idea has far outstripped its esthetic development. Yet much of the success of these wayside pavilions must depend upon their appearance. Beauty is ultimately a much greater lure than banality, and trade will go to the thing most attractive.

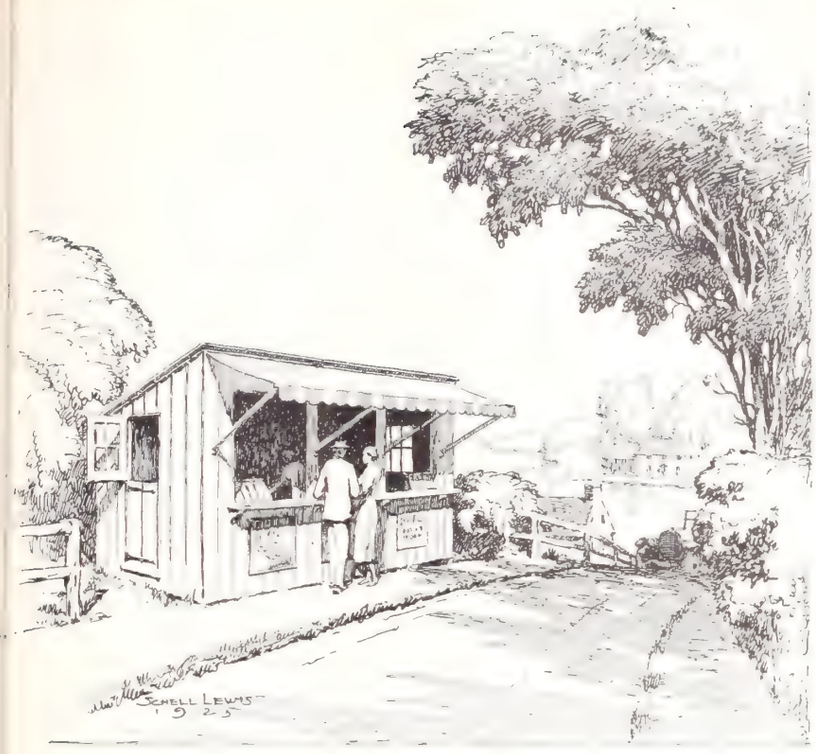
The roadside refreshment stand has come to stay, and it is our idea to help make this stay pleasant by showing how simple a matter it is to make booths beautiful. And not only show, but provide the means to make them so. The designs suggested here, for any or all of which complete plans may be obtained without cost, have been as carefully considered from the standpoint of economical construction as from that of their architectural loveliness.



The Type B booth, sketched at the top of the page, strikes a happy medium in size. It contains a good-sized serving space inside, as well as a store space with a counter, and another serving space outside under an arbor. Complete plans are shown on page 104

Three distinct sizes are offered: a small one consisting simply of a store space and a counter; a fairly large one containing a good-sized dining room, kitchen, and a terrace and arbor for serving; and a size lying between these two, with an arbor, eating room and store space. These three sizes seem to cover the situation. Anything smaller than the smallest one shown would be merely an open stand, and anything larger than the largest should require some special architectural assistance, for its problems would hardly be standard ones.

In suggesting these designs we have kept in mind the fact that the structures should be no more difficult to build nor more expensive than structures of similar size put up off hand without plans carefully considered from practical and artistic points of view. Highways equipped with these HOUSE & GARDEN booths will be made attractive by an institution that has created now for the most part a series of eyesores, and the booths themselves, by being attractive, will show an increase of patronage. The idea works in two ways, and in each way both the proprietor and the customer are the winners.

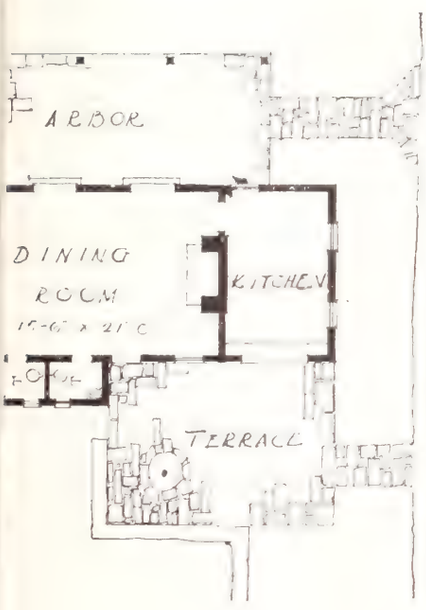


HOUSE & GARDEN PLANS FOR TOWN BETTERMENT

THE Town Betterment plans begin here with three designs for Roadside Refreshment Booths. Within a month or two the busy season for wayside shops and stands will open and it is hoped that the rapidly increasing interest being taken in these institutions, both by merchants and motorists, will result in such an artistic improvement in them as our designs make possible.

Any one interested in building these structures, either from the standpoint of the proprietor or from that of the community organization concerned with beautifying the highways, will be furnished with plans and working drawings of any or all of the booths for the asking.

Each month designs for community architectural features by leading architects throughout the country will be published. In the May HOUSE & GARDEN it will be Benches and Flagpoles. During subsequent months the designs will be for Filling Stations, Roadside Signs, Street Lights, and similar subjects. For plans and information address the Town Betterment Editor, HOUSE & GARDEN, 19 West 44th St., New York City.





The smaller of the three designs is a Type A booth, a one-room building [illegible] the counter. Complete plans are [illegible]



The Type C booth is designed to serve as a one-room structure. It is a complete roadside restaurant reduced to its smallest dimension, yet retaining, with its delightful farm house character (shingles laid in clapboard effect painted white with green shutters) great architectural loveliness. Customers may be served inside, outside on the terrace and arbor, and at the counter. Complete plans are shown on page 164

The three Roadside Refreshment Booths shown on these [illegible] HOUSE & GARDEN by Lewis E. Welsh, architect



At the rear of the plot lies this rectangular space surrounded by a rough stone wall. The near end, lying on a slightly lower level than the ground about it, is the rock garden with its steps and pool. Leading off from it is the little orchard garden

AN IDEAL SMALLER GARDEN

The Last Garden of the Ideal Smaller Homes Series Shows the Possibilities Contained in Good Informal Planning

THE informality of this house has been communicated to its garden. Its picturesque architectural style is reflected in the choice and disposition of the shrubbery and trees, and its irregular plan has been carried over into the arrangement of the grounds. That is certainly one of the most important principles of good garden design, for a house, by its very nature, must dominate its site—especially when that site is a small one. If the house were formal in every detail, as was the French house of this series, shown in the January issue; or if it were chiefly formal in spirit, as the Georgian house in the last number, then the grounds, to be appropriately planned, should be done in a formal fashion, to match the mood of the architecture. In this house, however, very little true formality exists. There is balance and a certain symmetry in the mass, and in the plan, but its most characteristic quality is a rambling irregularity. This is found now in the grounds.

The grounds of the House by Howell & Thomas mark the last appearance in HOUSE & GARDEN *of the Four Ideal Smaller Homes. Since July of last year these four moderately small houses, designed especially for the magazine, have been developed step by step in every exterior and interior detail. They have now been made into scale models and will be exhibited in the leading cities of the country*

A curious thing about informality in garden planning is that it is based upon a formal scheme. The informality is only on the surface. Underneath there is a great deal of orderly arrangement. Otherwise the result would be awkward, disturbing and restless. So here in this particular example, while the effect is just about as far from that of rectangular rigidity as one could wish, the underlying structure of the design is quite symmetrical.

The space in the rear of the house has been divided into five parts. First, a more or less oval lawn occupies the center of the scene and is surrounded by a border of shrubbery which forms the background for pockets of perennials. Second, a plot back of the garage which contains four small rectangular beds for vegetables and cut flowers. Third, a heavily planted pathway leading from the covered terrace off the dining room to the rock garden at the rear. Fourth, this rock garden, and fifth, a tiny orchard garden made possible by some old apple trees, a likely feature of any place.

To make the shape of the oval lawn more interesting, and to connect the service section of the grounds with the pathway leading to the rock garden, openings have been made on the cross-axis and the

(*Continued on page* 162)



The rendering [illegible] of this house, designed for the Ideal Small Home Series by Howell & Thomas, architects, to make use of the original scheme of the ground. The [illegible] was made by Chester B. Price



A whole family of Kylins, closely related to the dragon family, inhabits the central medallion of this Khaughi rug, which dates from the end of the 17th Century, the time of the great Ch'ien dynasty. They are woven in two shades of blue, with yellow eyes, and one splash of flame color appears at the base of the circle

CHINESE RUGS

Dragons, Bats, Butterflies, and Many Strange Devices Make the Chinese Rug as Fascinating as It Is Beautiful

A. T. WOLFE

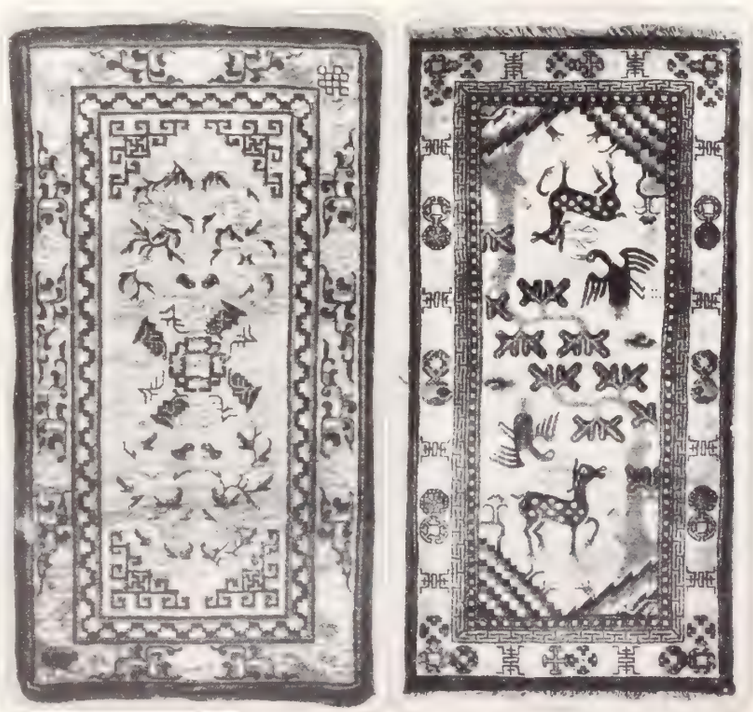
COMPARATIVELY speaking, the Chinese rug is a stranger in our midst. The other Orientals—Persian, Anatolian, Caucasian—have been household friends for generations in Europe and America, but tardily and reluctantly has the Chinese rug come to the West. Few were aware of it much before the Boxer rising, and not every one was appreciative when first it arrived. To-day there is no doubt about our appreciation.

Of very ancient Chinese rugs not a vestige remains. Yet weaving is one of the oldest arts in China; the first porcelain decorations were taken from the pattern of textiles, and inspired for centuries the ceramic workers who came after. Quite possibly, then, rugs were woven before the Sung dynasty ended in 1280 and onwards, but nothing has reached us that dates before the beginning of the 17th Century, when the Ming dynasty was nearing the end. Rugs of that period are the antiques, so far as we are concerned; they are scarce now and command very high prices. From that time on until the end of the 18th Century the art progressed, and culminated in the glorious time of Ch'ien Lung (1736-95), when all the arts flourished mightily and spread. Fashion alters very, very slowly in China; among the conservative weavers, slowest of all; but, still, changes do come, and it is by noting these subtle alterations in color, treatment, and technique that dates may be approximated.

Through all its changes there are qualities in the Chinese rug that mark it off very certainly from all other rugs of the Orient. First, a symbolism so profound, so interwoven with the fabric that a Western mind can only grasp its wonder as a surface decoration without attempting to read its esoteric significance of religions, philosophies, and learning. The Svastika, or mystic cross —"half as old as time," and known all over the world—is one of the chief seven symbols in China, and there it signifies Buddha's heart. The wave emblem continually appears in one form or another; the "Greek key" fret is derived from the idea; wave for ever overlapping wave. The dragon denotes imperial sovereignty, and the Knot of Destiny means, among other things, power. Among the many emblems of longevity the crane and the stork, the tortoise and the deer, are notable. Butterflies and bats and certain flowers are signs of good augury and happiness; the Circle of Happiness is woven into half the fabrics that were made. Peachstones signify life, the Pilgrim's Gourd is one of the Taoist emblems. These few examples are among the best known; it would be hard to find a Chinese rug that does not include some of them.

Next comes color. Certain tones and shades characterize Chinese fabrics as notably as does symbolism: a dark blue which

(*Continued on page* 146)



On a ground of coral and imperial yellow are scattered blue butterflies and flowers enclosed in a border which shows the conventional wave pattern

Spotted deer and birds of strange device appear among highly conventionalised trees in this rug. The ground, once white, is now a deep ivory

THE MASTER OF FRENCH FABRIC DESIGNERS

Philippe de La Salle, Besides Designing Great Fabrics, Also Revolutionized Their Manufacture

FRANCES WILSON HUARD

TUCKED away on the hillside of the lower hone valley lies a little town f some thousand inhabitants hose chief occupation is, and as been for centuries past, ne cultivation of the grape hich produces a well known hite wine.

A bridge over the river nites Seyssel of the right bank Seyssel on the left, and a one arch midway across marks ne one-time limits between ne kingdom of France and he kingdom of Sardinia.

It was at Seyssel in France nat he who was destined to evolutionize the art of silk eaving, (both from an ar- stic and a mechanical point f view,) first saw the light of ay.

Philippe de La Salle, born eptember 23rd, 1723, was he descendant of a good old anguedoc family, though his ather at the time of the hild's birth occupied the umble employ of Receiver f the Royal Customs, ow- ng to reverses of fortune or which he himself was in nowise responsible.

It is said that the boy very early manifested a taste for the arts; so much so that though still a mere child his parents consented to give him a local master. Philippe very quickly surpassed his instructor and his progress was such that it was decided to send him to Lyons where he entered the studio of Sarrabas, a well-known painter of historical subjects.

How long he remained with Sarrabas is not known, and just when he transferred his activities from Lyons to the capital is a matter of pure conjecture. Suffice it to say, however, that in his early twenties we find La Salle one of the leading lights in the Paris studio of François Boucher, then at the height of his popularity and completely absorbed by numerous commissions from Royal patrons.

Legend has it that though it was considered all important for a young man to study under Boucher, and that the

(*Continued on page 106*)



The hangings around the actual bed of Marie Antoinette at Fontainebleau were designed and executed by La Salle. The cartoons for this still exist. To reproduce it would require at least two hundred thousand patterns



The chair to the left is covered with material woven by La Salle for Marie Antoinette's bedroom at Fontainebleau. So carefully is this fabric executed that one would think it was needle-work done by hand



The entire walls of this famous bedroom at Fontainebleau are hung with fabric [illegible]



These panels of musical instruments and wild game which adorn the walls are [illegible]



IRVIN DeLUCA

Above is a corner of an oak paneled room showing an 18th Century Italian walnut table used as a dressing table. Hanging shelves in red lacquer, and chairs covered in quilted red silk bring splendid notes of color

Below. A painted screen in old, faded colors makes a delightful background for an 18th Century Venetian dressing table in yellow and red lacquer. The gray Normandy chair has a cushion in yellow and tan taffeta



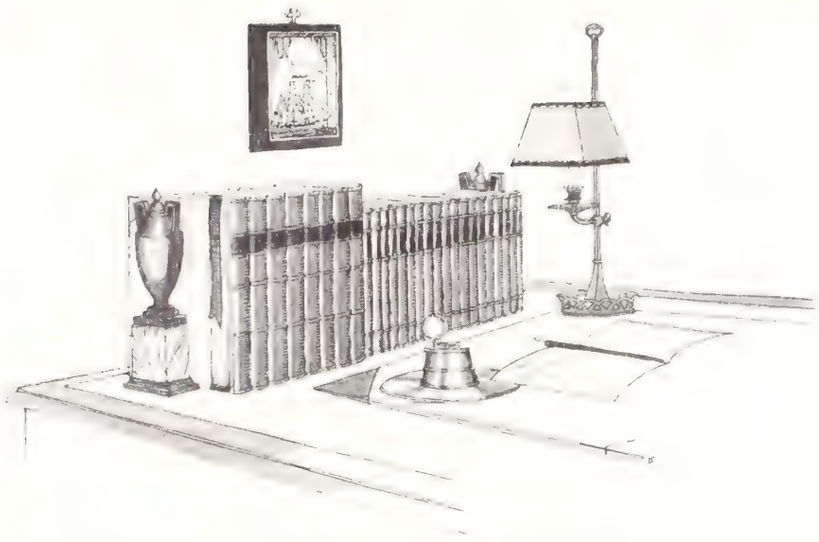
At the left is a graceful blue lacquer dressing table flanked by antique Chinese paper panels in brilliant colors. The slender mirror has a blue lacquer frame and is surmounted by a beautiful carved and gilded top

UNUSUAL DRESSING TABLES

From ELSIE de WOLFE



A PAGE OF INTERESTING BOOK ENDS

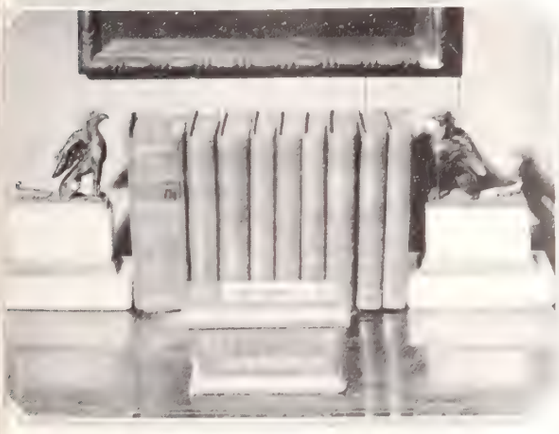


A growing desire for interesting accessories of all kinds has resulted in the use of various decorative objects for book ends. The graceful bronze urns above hold a row of heavy books in place on a man's desk

In the picture below a pair of black cats guard a row of old French books, their slender lines in keeping with the Directoire lamp and their color a contrast to the boxes. From Chapin, Harper & Dutel

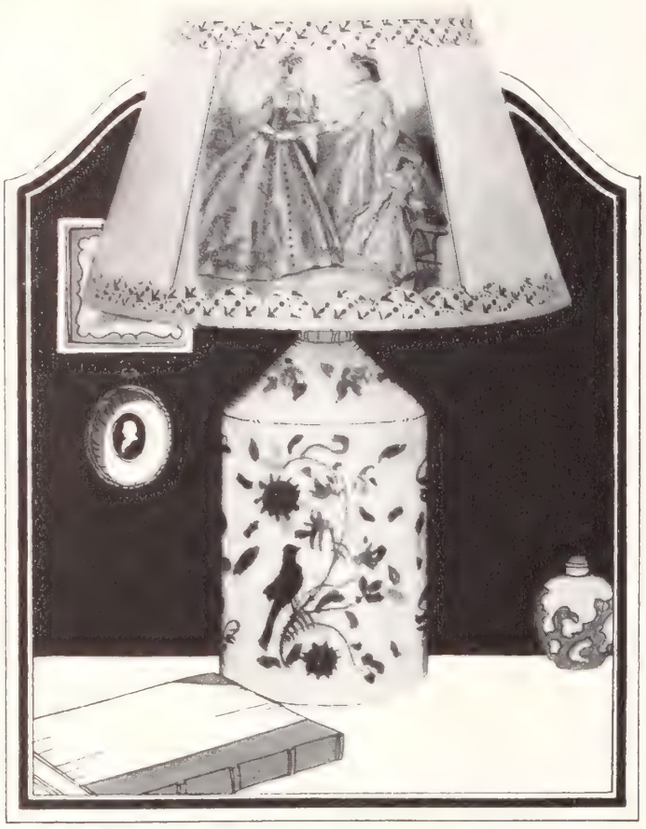


In a country house living room nothing is more charming in the way of accessories than delicate pottery figurines. In the room above china figures dressed in gay kilts make delightful book ends. From Diane Tate & Marian Hall



The picture above shows an unusual use for a lamp of bronze griffins mounted on marble bases. In place of being merely ornamental they are here used as book ends on a living room table. From Wood, Edey & Slayter



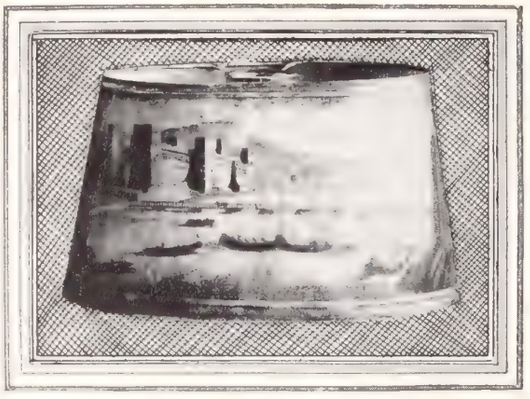


The 8 inch parchment shade above is decorated with a colonial Godey print and trimmed at the top and bottom with red and white Italian paper. $18.50



Italian papers gay in color and interesting in design make delightful country house shades. The 12 inch shade above is tan and yellow. Other colors, $10

SIX ATTRACTIVE LAMP SHADES



Left. For a bridge lamp comes an oval parchment shade decorated with a colored French print, the whole antiqued to give a look of age. $18.50. 12 inches long

Below. An effective shade for a living room is parchment, painted any color with decorations in dull gold. 16 inches at lower edge. Round, $11.50. Oval, $15.50



The charming bedroom shade below is pale yellow chiffon trimmed with lace, French ribbon and flowers. 9 inches in diameter, oval or round, $17.50. Other colors





Above. This smart pleated shade is cotton print in cool green, rose or orange and white stripe. 10 inches in diameter. $10.50. Pottery lamp, 11 inches high, $6.75





Above. Sturdy brown wicker basket lined with red, purple, green, tan or navy blue leather. $15.

Above. This practical and decorative basket of Philippine grass and split bamboo has black spokes. $6.50





SCRAP BASKETS

INGENIOUSLY DESIGNED



Above. A hamper basket for a bedroom is covered in cream cloth with a medallion design in gold, rose, blue and green. $15.50



The basket at the left, covered in a blue and white paper with a floral design and matching ribbon, is $4.



The basket at the left, covered in a blue and white paper with a floral design and matching ribbon, is $4.

The GARDENER'S CALENDAR for APRIL

This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country if for every one-hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURD
It was not a large garden, as gardens go. *But carefully patterned with box, after rote* *Of flower-beds edged by low, clipped box* *In the quaintly prim and orthodox* *Manner of seventeen-eighty or thereabouts.* *From* AMY LOWELL'S "THE STATELY OLD GARDEN"			1 Weather conditions vary, but usually it is safe to start sowing seeds of the more hardy vegetables. Peas, spinach, onions, beets, carrots, etc., are all seasonable.	2 Strawberries should now be uncovered for the season. If no winter mulch was applied give the bed a good top dressing with bone meal before digging	3 Raspberries, blackberries, currants and gooseberries thatwere buried last fall can now be unearthed and good manure worked into the border.	4 The lawn s be looked a assure a velvety sward this sum Sod any small spots, and spade seed down l spaces.
5 Early planting is the first essential to success. Finish all plantings of deciduous trees and shrubs at the first opportunity. Puddle the plants in and water well.	6 That unprofitable orchard can be made to yield abundantly by sowing now a mixture of Canada field peas and oats, and plowing them under when they are 6" high.	7 If the asparagus bed was mulched last fall it can be turned under now. Salt in liberal quantities should be applied to keep down the weeds.	8 The secret of success with potatoes is early planting; these plants are quickly destroyed by hot, dry weather. To avoid this danger plant now.	9 If you have not pruned the hardy roses it must be done at once. Prune the hybrid types to three eyes, but leave about 4 inches of new wood on the teas.	10 Have you stakes on hand for Dahlias and other tall flowers, raffia or jute cord for tying, an arbor for the garden roses, a sundial for the flower garden?	11 If properly t ened, plant the more hardy ed garden veget can be set out such as cabb cauliflower, le onions, etc
12 Seed of Snapdragon, Asters, Alyssum, Calendula, Cosmos, Pansies, Viola (Johnny-jump-up), may be planted at this time in well pulverized soil.	13 Before the trees and shrubs leaf out it is advisable to go over them carefully, destroying any caterpillar nests before they hatch. An asbestos torch is the best weapon.	14 All borders or open places around plants should be kept loosened. This admits the necessary air to the soil and also prevents the rapid evaporation of the moisture.	15 Plants in tubs intended as specimens for the grounds should be watered freely with liquid manures or a top dressing of pure cow manure can be used.	16 Frames for the melons must be set in place now. See that the hills are well prepared inside them, using plenty of good manure and chopped sod.	17 Any existing voids in the perennial border must be filled in by new plants or divisions. Dig under some good manure or give the beds a top-dressing of raw crushed bone.	18 Do not let greenhouse idle. There are m crops which can started now, such potted fruits, mel cauliflower and anthemums.
19 This is the proper time to start some of the tender annuals for blooming next winter in the greenhouse. Primulas, Cinerarias, Stocks, and others.	20 Start hardening off the bedding plants in the greenhouse or frame now. It is certain death to transplant Cinerarias, etc., otherwise.	21 Keep the soil constantly stirred between the garden rows. Seeds that are slow in germinating can be protected by placing the line between the labels.	22 Any large trees that have been recently transplanted must not be neglected. Liberal watering is essential, and heavy mulching is also a good practice.	23 Do not neglect the sweet peas when they are small—see that they are properly hilled when about 4 inches high. Supporting them should not be postponed.	24 Summer flowering bulbousplants as Gladiolli, Montbretias, Begonias, etc., are little effort and are worthy a place in any garden. They may be planted now.	25 It is a mist to not get a continuous supply quick maturing such as peas be carrots, spinach, The rule is to when the previ sowing is up
26 Bean poles can now be put in place for the limas. Dig liberal sized holes working plenty of manure into the soil before hilling. The hills 18" inches high.	27 Thinning out crops is most important. Plants allowed to crowd become weak and spindly. Crops that require thinning must be attended to when very small.	28 Have on hand spraying material for the bugs and diseases. Spray the currant bushes now with arsenate of lead to destroy the green currant worms while small.	29 This is the proper time to have the greenhouses overhauled. Broken glass should be replaced, loose glass reset, and the woodwork painted.	30 If you grow any crops for the livestock the ground for them should be made ready. Mangels, carrots and sugar beets can be sown now.	*April is a month for poets, particular for poets with such a flare for Nature the four shown here, who are writin now, and from whose verses these quota tions have been made. And in any men tion of modern American poets Am Lowell and Edna St. Vincent Milla should appear, for their exquisite garde lyrics*	

Not any flower that blows
But shining watch doth keep;
Every swift changing chequered hour it knows,
Now to break forth in beauty; now to sleep.

From "NOON AND NIGHT FLOWER"
By WALTER DE LA MARE





He loved the English countryside:
The wine-leaved brambles in the ride,
The lichen on the apple trees,
The poultry ranging on the lees.

From "REYNARD THE FOX"
By JOHN MASEFIELD



Blueberries as big as the end of your thumb,
Real sky-blue, and heavy, and ready to drum
In the cavernous pail of the first one to come.

From "BLUEBERRIES"
By ROBERT FROST

Into the garden peace comes at twilight,
Peace that since noon had left the purple phlox,
The heavy headed asters, the la roses
And swinging hollyhocks.

From "IN A GARDEN"
By SARA TEASDAL





At Easter

Chimes and—Spring—Fresh beauty—Smartness that is chic. *And the crowning touch (you knew it) a box of Huyler's.*



PERSIAN PACKAGE

The finest chocolates—imported glace fruits—smart metal box.

Huyler's
NEW YORK

AMERICA'S FOREMOST FINE CANDY



YOU SLEEP ON A BED,
NOT ON THE UPHOLSTERY

WHEN you sit on the Davenport Bed, you find it is a good davenport—comfortable, luxurious, easy. When you look at it as a part of the furnishing of your room, you may well be proud of it. And when you use it as a bed, or offer it to a guest as a bed, it's comfortable to sleep on.

It isn't like a sleeping car; the bedsprings are wholly separate from the seat springs; you sleep on a bed, not on the upholstery. You use a regulation mattress, which can be taken out and aired just as with any bed.

You can buy a Davenport Bed in almost any design you want; chairs to match if you wish. There are period styles, in many beautiful woods, with upholstery as simple or as luxurious as you choose to pay for.

"The Home in Good Taste" is an interesting booklet showing nearly a hundred styles of Davenport Beds. Give the name of your furniture store when you write for it.

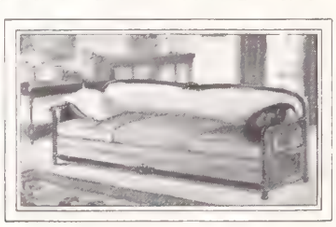
DAVENPORT BED MAKERS OF AMERICA

More than 80
individual manufacturers

1138 Standard Oil Building ~ Chicago

The Davenport Bed

SERVES BY DAY AND BY NIGHT



1924 DBMA



The Cornelian Cherry, C. Mas, with its tender yellow flowers, plays the prelude to spring

THE GREAT VARIETY *of* DOGWOOD

(*Continued from page 79*)

is true of the Osier Dogwood (*C. stolonifera*) and its relatives. These may also be grouped along driveways. The bush sorts are good anywhere, but the tree forms should be associated with the deciduous trees on slopes where they can be viewed from above. Many of these have their branches arranged in tiers which form a series of table-like whorls and with their flowers standing erect their beauty cannot be gauged from below.

The Dogwoods may conveniently be classed into five groups, each of distinct and outstanding garden value. Pride of place may be given to the group which has the flower-clusters guarded and surrounded by handsomely colored bracts typified by [t] woodland jewel of eastern U[nited] States, *C. florida*. In this group [the] conspicuous bracts are the great fl[ower] feature and the tiny flowers ag[gre]merated into a button-like mass [in] center may be ignored.

To residents and to those fam[iliar] with the woodlands of eastern N[orth] America from Massachusetts so[uth]ward, any description of the Flo[wer]ing Dogwood is unnecessary, but [those] ers beyond these confines are enti[tled] to consideration. It is a slender [tree] from 15 to 40 feet tall, common a[s] understory in thin mixed woods [of] hardwood trees, and has a thin

(*Continued on page 102*)



The Japanese Dogwood, C. Kousa, is similar in many ways to C. florida, but blooms later and longer—from mid-June, and its flowers blossom against a rich green foil of foliage

A Silk Brocade in the "plein-air" brilliance of Modern Color

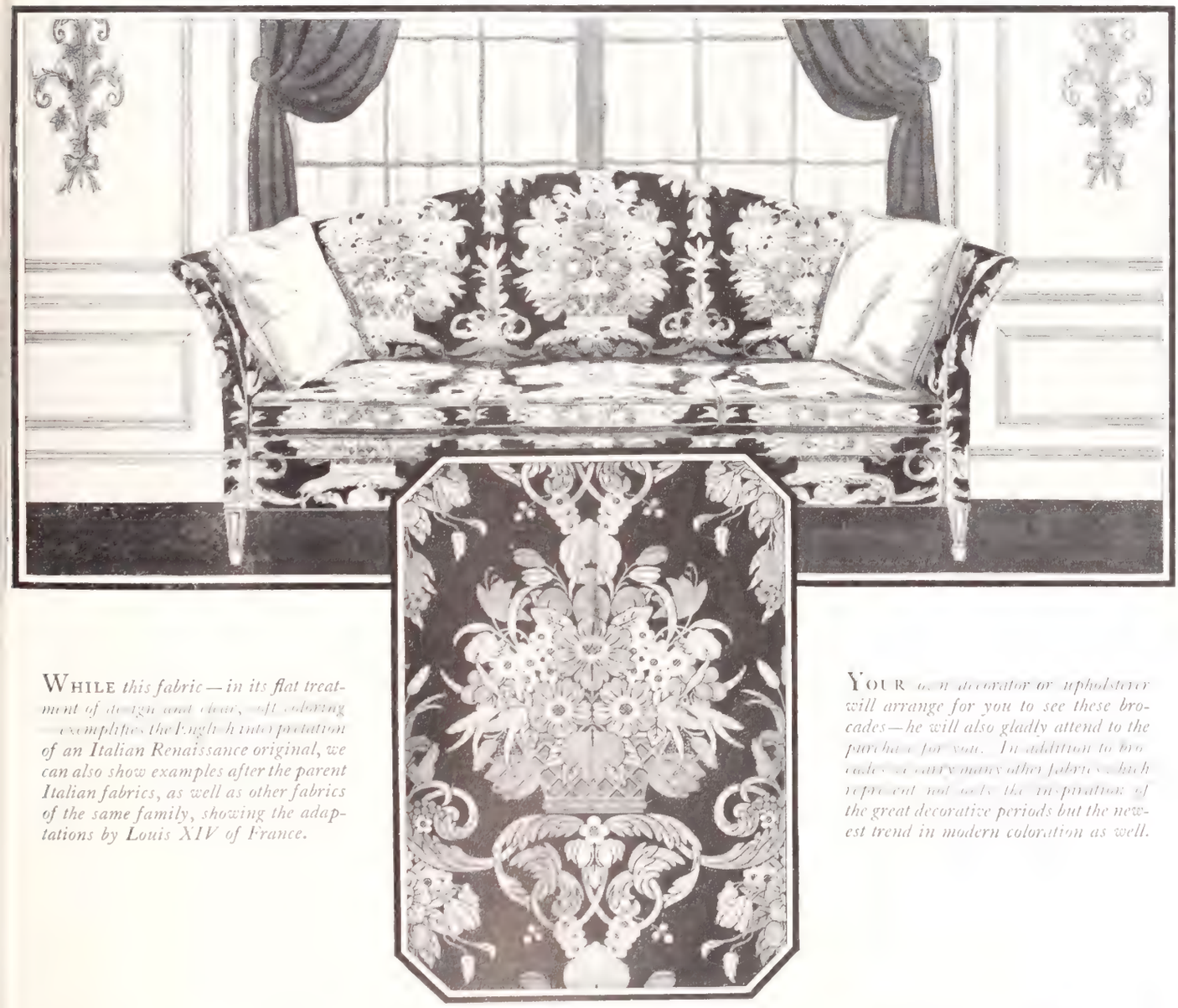
MODERN artists of the loom, like their brethren of the brush, are bringing to their work more and more of Nature's luminous harmony.

This silk brocade is a particularly felicitous example of the use of this out-of-door or plein-air color in a floral design. The soft moss-green of the foliage, the limpid shades of rose, blue and maize in the floral motifs, give the fabric the refreshing vividness of an armful of flowers.

While it is an example of an early XVIII Century fabric, this brocade is primarily French in its conception. The characteristic flat treatment of the design, however, shows the English Georgian influence—the colors stand out softly and clearly against the black gros-grain ground with none of the shading of its French prototype.

This type of brocade for hangings and upholstery brings to the somber richness of a panelled room a saving clarity of color.

F. Schumacher & Co., Importers, Manufacturers and Distributors to the trade only, of Decorative Drapery and Upholstery Fabrics, 60 West 40th Street, New York City. Offices also in Boston and Chicago and Philadelphia.



WHILE *this fabric—in its flat treatment of design and clear, soft coloring—exemplifies the English interpretation of an Italian Renaissance original, we can also show examples after the parent Italian fabrics, as well as other fabrics of the same family, showing the adaptations by Louis XIV of France.*

YOUR *own decorator or upholsterer will arrange for you to see these brocades—he will also gladly attend to the purchase for you. In addition to brocades we carry many other fabrics which represent not only the inspiration of the great decorative periods but the newest trend in modern coloration as well.*

F. SCHUMACHER & CO.



A Toile de Jouy, reproducing a wall covering from a famous old French chateau. In blue on gray, or mulberry on gray, also in shades of sepia and in shades of gray.

WALLPAPER

—always a thing of beauty when it comes from Lloyd

ARE you wondering how to freshen up the home this spring—how to make the rooms seem new and more livable? You'll find a most happy solution in Lloyd's stock of imported wall papers.

Here is the largest assortment of papers in the country—everything from quaint old Colonial patterns to papers that rival the richest tapestries in design and colour.

Stripes, chintzes, plain effects or florals—there are papers for every room in every type of house, each one correct in design and the height of good taste.

Go to your decorator or dealer and ask him to show you Lloyd's papers. Good decorators everywhere carry an interesting assortment of Lloyd's papers, or can promptly procure any patterns not in stock with them. If no Lloyd dealer is available, mail us the coupon below, or stop in at one of our display rooms if possible.

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Without any cost or obligation on my part, please supply appropriate samples for:

Name

Address

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THE GREAT VARIETY *of* DOGWOODS

(*Continued from page 100*)

crown, flattened and often in tiers. If examined in the fall or winter the branches will be found to be dotted with gray rounded studs. As spring advances these swell and expand into a cross of bracts, snow-white, from 4 to 6 inches across at maturity, becoming stained with pink as they age and fall. So freely are the white crosses produced that the woodlands in May when viewed from vantage points are filled with seemingly floating drifts of purest white suggesting droves of white butterflies hovering and flitting amid the trees. Not every year are these Dogwoods full of flowers, they are apt to overdo themselves and need an off year to recuperate and often, especially in Massachusetts, the winter frost may be so severe as to cripple or destroy the flowers. But in good seasons, such for instance as the spring of 1924, the blossoming of *Cornus florida* is an event to be classed among the floral spectacles of the world. Its exquisite autumn colored foliage has been spoken of but its fruit is worthy of praise. Teat-like and clustered several together, scarlet and erect it stands jewelling the branches in the fall.

THE PINK DOGWOOD

The variety *rubra* with rosy red bracts is in great demand though to my mind less lovely than the type. But rightly placed, say on a slope above a pond and viewed across the waters in which its flowers are reflected, it is wondrously beautiful. Close inspection of the flowers, however, is apt to lower the high opinion formed since it will be seen that the bracts are only too often more or less malformed. It is claimed that all the plants in cultivation have originated by vegetative propagation (mainly by grafting) from one individual discovered in the early 'eighties and first offered for sale by Parsons & Co. in 1887.

The related *C. nuttallii* of Vancouver Island and south to California is a much larger tree, sometimes 80 feet high, with a heavier, elongated crown and with heads of bracts from 6 to 9 inches across opening with the leaves, similar autumn tints and brilliant scarlet fruits. Unfortunately this tree of marvellous beauty cannot be grown in the New England climate and I do not know of one in the east.

These two species of North America have their counterparts in eastern Asia where two species occur from the central Himalayas eastward through China and Korea to Japan but with these differences. The fruit is a conglomerate strawberry-like head and the flower-bracts unfold after the leaves. They are small to moderate-sized, flat-topped trees. That of the Himalayas and southern and western China *(C. capitata)* has pale yellow passing the cream-colored bracts and rather thick leathery leaves which assume no marked autumn tints. Naturally it is tender and suited only to the climate of California and the warm southern States. The other species *(C. kousa)* distributed from central China north eastward through Korea and much of Japan, however, is perfectly hardy in Boston, Mass., where it flourishes. In fact its flowers are of later bud hardiness than the native *C. florida* and in consequence it is an even more valuable garden plant. This is a bold statement but let me explain. Besides this advantage in winter protection that though its flower-buds are formed in the autumn they are folded within a pair of ordinary foliage leaves and have therefore additional protection. It does not flower until mid-June or later and its upstanding heads on slender stalks have a foil of rich green leaves below. Thus though these Dogwoods of eastern United States and the Orient are close relatives they are as dissimilar as garden plants and blossoming at different seasons that there is room for both and no necessity for invidious comparisons. The floral heads of *C. kousa* are abundantly produced, from 5 to 6 inches across and last for more than a month and finally become pink before they fall. The form from Japan to which the specific name belongs has been sparingly in cultivation in the west since about 1860 but the central China type (var. *chinensis*) it has been my privilege and good fortune to add to gardens. In this the bracts are larger and broader and often overlap to form a closed, saucer-like involucre around the button-like mass of real flowers. Some experts acclaim this the finest gift of China to western gardens. Certainly it ranks high in the realm of beauty among hardy flowering trees and its fortunate introducer is proud of the high opinion its namesake has won for it. In the not distant future this Chinese Dogwood will be in unquenchable demand.

The red strawberry-like fruits of the Oriental Dogwoods are from half to three-quarters of an inch in diameter and very attractive in the autumn suspended among the vari-tinted, carmine purple, foliage. They are edible and the orange-colored sweetish pulp is quite palatable, though in each imbedded several large stony seeds.

THE TINY VARIETIES

It would seem a far cry of relationship from trees 30 to 80 feet tall to lowly herbs a few inches high. But a glance at the flowers shows that there and very close between the Bunchberry of this country *(C. canadensis)*, that of Europe and northern Asia *(C. suecica)*, and the flowering Dogwoods. For shaded rock gardens, woodlands and sheltered nooks there are no prettier little plants than the Bunch-berries, howbeit rather coy of naturalization unless they find soil and situation to their liking.

A common small tree in the woods of eastern North America is *C. alternifolia* with erect, flat corymbs of cream-colored flowers. This may be either a thin tree 25 feet tall or more often a cluster of erect stems forming a bush. In the autumn while the central and topmost leaves are green the inner and lower are varying shades of red and the combination of tints is amazingly beautiful. This typifies a second group of Dogwoods represented by many fine species in eastern Asia. The American plant is of inferior garden value and, moreover, strongly resents

(*Continued on page 104*)



The "**Marbury**"—A moderately priced Berkey & Gay suite in WALNUT. Handsome walnut, birch, maple, fruit and gum woods. The floral decorations are hand-painted.

On Certain Causes – *of Old Age*

TTRACTIVE new attire is wonderful insurance against old age. You feel younger and more ious the moment you put it on.

thoughtful dresser will admit this y good psychologist can prove it.

ire powerfully influenced by our ate surroundings.

ceased wearing long beards when ge became unfashionable. Women n to look askance at lavender-old-lace, when they discovered symbols of old age affect the and produce old age.

mous French actress who delighted grandmother, lived to delight you use she refused to recognize old age ligiously avoiding its symbols.

ne thing she changed her *furniture* y three years—no matter how at- ive. Turned from bird's-eye maple ahogany, from Marie Antoinette heraton, from Hepplewhite to onial. Anything to change it.

her theory was sound, even igh she carried it beyond the needs—the means—of most of us.

Love of familiar objects—of a chair, a desk, the bridal suite of those first years, the dining room suite you bought when success first smiled—are pleasant sentiments that all of us share in common.

This famous woman shared them too. She confessed it. But she loved youth —and life—better.

Furniture is the clothing of the home. You live in intimate contact with it. Like lavender-and-old-lace it subtly affects the thoughts. Day by day it whispers the deadly secret of time's passing. We love it as we love anniversaries—pleasant reminders of other days but heartless reminders, too.

You need only experiment with a new bedroom or dining room suite, even a new chair occasionally, to appreciate the astonishing influence of these silent but fascinating objects on your life.

New furniture refreshes and stimulates the mind like new scenery, new music, new clothing, new friends.

And has it ever occurred to you that the *cost* of good furniture is low when compared to other expenditures—ridiculously low when the pride, enjoyment and rejuvenation of the whole family is considered?

Consult your local Berkey & Gay dealer for interesting figures on the cost of refurnishing your home. You will find a price range in suites (from $300 to $6000) that in furniture of this first quality, is only made possible by the vast facilities and advanced shop methods of Berkey & Gay.

IT IS THE CUSTOMERS PROTECTION WHEN BUYING AND HIS PRIDE EVER AFTER

BERKEY & GAY

GRAND RAPIDS

Furniture of Distinction

Imperial Tables

Grand Rapids



What were her friends saying?

THE last guest had gone. Anxiously she reviewed the evening. Had it been a success, she wondered wistfully. And what had they thought of her home.

For it means so much—a beautiful home. That envied note of distinction, that precious touch of originality that wins praise from guests of recognized taste.

Clever hostesses have discovered how much the new tables can add in charm to familiar rooms.

A stately occasional table of historic design. A slender pedestal of delicate curves. A book table of alluring lines.

Imperial designers and craftsmen have created out of beautiful woods an enchanting collection of lovely new tables. It will be a treat to see them at your furniture store. Meanwhile, send for our famous book, "Heirlooms of Tomorrow", showing new ways to make your home impressive with tables. Dept. E will send free copy.



IMPERIAL FURNITURE COMPANY

Grand Rapids "World's Largest Table Factory" Michigan



THE GREAT VARIETY *of* DOGWOO

(*Continued from page* 102)

transplanting but its Oriental brother *C. controversa* merits wide recognition. This is a fair-sized tree, sometimes 60 feet tall, with a clean trunk 7 feet in girth and tiers of tabuliform, wide-spreading branches forming a flattened crown. The flowers are small, pure white and arranged in erect flat corymbs each from 4 to 5 inches across and abundantly produced. To get the full beauty of this tree in blossom it is necessary to look down upon it from some eminence. From such a position its crown appears as tiers of white from the countless thousands of its crowded heads of flowers. These are followed by innumerable bloomy-black fruits, round and about the size of a pea with the stalks that bear them red in color. This is a quick-growing tree and one of the handsomest of recent introductions. It is widely distributed from western China eastward to Japan and is very fond of wooded precipitous places. It has been confused with another species and the arguments as to its proper identity gave rise to the technical name it now bears.

These two are the only Dogwoods with leaves arranged alternately on the stems and not in opposite pairs. They have a number of worthy tree relatives in the Orient with opposite leaves, indeed, this is the only prominent character distinguishing *C. macrophylla,* also widespread in the Orient, from *C. controversa.* It has a similar shaped crown, nearly identical fruit and abundant trusses of pure white flowers standing erect above the foliage. It is, however, a much larger tree.

THE SHRUBBY VARIETIES

The third group of Dogwoods are all bushes and demand our attention from the beauty of their fruits. They blossom in summer and their fruit forms and ripens with remarkable rapidity. The Silky Cornel *(C. Amomum)* a native of eastern North America may be mentioned first. This is a broad shrub growing from 8 to 10 feet tall especially valuable for the sides of ponds and streams where its long branches can hang gracefully over the water. It produces its heads of small yellowish white flowers in July and these are speedily followed by masses of bright blue fruits of rare beauty. Another native species also with charming blue fruits is *C. obliqua.* This is a more narrow and upright shrub with leaves silvery on the underside well suited for border planting. A common and delightful wayside shrub in New England and elsewhere is *C. racemosa.* Of twiggy habit and suckering freely its masses of slender stems form pure thickets seldom 6 feet tall, but often many yards through. In July it produces its small white flowers in short panicles, enormous in quantity. I mention that it is of twiggy habit and it is a pleasing sight to see a clump or thicket of this Cornel sway to and fro in a strong breeze with the crown of white flowers resembling foam on water. The fruits are pea-like, snow-white maturing early and their beauty heightened by the stalks which become bright red. Sturdy of with broad nearly round bluish leaves with noticeably depressed is *C. rugosa,* also a native of e North America. This is a stout growing 10 feet and more high broad with ivory white flowe compact clusters followed in autumn by blue passing to fruits There are other Ame Dogwoods of this group and A ones too but we may close with tion of *C. paucinervis* native of tral China which I introduced cultivation. This is a spreading s growing from 4 to 6 feet tall relatively thick and narrow green leaves and lustrous black fr It flowers in late summer and its leaves uncolored far into the This and its late flowering qua and lustrous black fruits warran place in gardens.

THE EARLIEST DOGWOODS

Harbingers of spring are fourth group, the Cornelian Che of Europe and northeastern *(Cornusmas* and *C. officinalis)* w star-like yellow flowers in clu crowd the naked stems and chee long before the anger of Boreas softened. These are sturdy sh with iron-clad constitutions and w planted in ordinary garden soil any situation ask nothing but t left alone. Yearly each ope spring they put forth their bloss in profusion and in the autum crop of scarlet, globose to obl cherry-like fruits. They ripen fruits more slowly and delibera than other Dogwoods as if proud the fact that these are edible and be made into a palatable preserve. southeastern Europe the inspiss juice of the fruit of *C. mas* is m into a sherbet and in the Orient t of *C. officinalis* is a valued dr

The last group of Dogwoods typified by the Red Osier Dogwo *(C. stolonifera)* found from coast coast in North America. This is wide-spreading shrub, which sucker freely, forms a dense thicket, pref ably in wet places. It has good folia flattened heads of white flowers white pea-like fruits. Its chief va as a garden shrub, however, is in brilliant color of its stems through the winter; scarlet to crimson, lustr in the winter sunlight, luminous a cheering on the bleakest and dullest winter days. One form, known *flaviramea,* has pale yellow shoots is excellent in contrast with the ty In many ways similar but lacking stoloniferous habit is the Old Wo *C. alba* long known in cultivati This is a far-spreading bush sometim 10 feet high with finely colored red crimson stems in winter. The o other member of this boreal group need mention is *C. sanguinea,* the co mon Dogwood of Europe, whose s cific name refers to the color of foliage in autumn rather than stems which are much less highly c ored than those of its relatives alre expatiated upon.

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MANY a Packard owner, as a little boy, stood on the corner watching a Packard roll by and wished that he too might some day have a Packard car.

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And now, today, the finest and greatest of them all—the Packard Six and the Packard Eight—alike in distinction, in beauty, and in quality.

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The authentic antique, or its faithful reproduction possesses, besides its inherent charm, a practical value in that it never goes out of style.

Genuine Mahogany is, of course, intimately associated with old-fashioned things; indeed, the very thought of Mahogany conjures in our minds the four-poster, the high boy, the colonial secretary—and a host of other fine pieces distinguished by the mellow beauty of their age-old wood.

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One of La Sall popular desi —done in re on raspberry in or on a bl ground

MASTER *of* FABRIC DESIGNER

(Continued from page 93)

master was very proud of his pupil, no great sympathy existed between them. Boucher, that delightful fantasist, failed to comprehend the trend of La Salle's mind toward the mechanical, and it was owing to a serious difference of opinion on the subject of decoration that La Salle finally decided to seek his inspiration in the Antique and made ready to start for Rome, there to complete his education.

Traveling by poste-chaise, he reached Lyons where he stopped over for a brief visit with a friend of his family, a certain Monsieur Charryé, a prominent silk merchant. In the course of their conversations, Charryé was quick to perceive young Philippe's mechanical leanings and the perusal of his sketch books more than convinced him of his admirable artistic ability. He, a shrewd business man, at once realized the profit to be obtained by applying this art to industry, and he immediately made financial propositions to our artist, who agreed to postpone his trip to Rome in order to experiment in this new branch. It is needless to say that the voyage was never continued. Then and there began a career in which La Salle was to excel.

Presently we find him a partner in the firm and pretender to the hand of Charryé's daughter, an agreeable young person who made him an excellent wife.

At thirty years of age he was devoting his entire time to executing floral designs which were at once transferred to the looms, and which, when put on the market, created such a furor that they attracted Royal patronage, King Louis XV granting La Salle an annuity of six hundred livres.

Far from turning his head, this Royal recognition, on the contrary, only served to stimulate him; for he was now able to redouble his efforts, thanks to this means of multiplying his experiments. All his ingenuity, all his profound sense of observation was now concentrated on the manufacturer of silk goods, which, until this period had been almost entirely utilized for religious garments, aristocratic clothing and decorative draperies.

It was Philippe de La Salle who first produced silk furniture covering and wall hangings, with a given design made to fit a given space.

He did not hesitate to try to reproduce human figures as well as anima by means of the shuttle, which syste had heretofore only been employed l tapestry weavers. His efforts we crowned with success for he actuall put forth portraits of Louis XV a Catherine the Great of Russia, po traits that were real likenesses.

His popularity was immediate an Royalty was not long in showing i appreciation of the discovery. Cat erine at once ordered all the furnitu in her Palace at St. Petersburg cover with silk made from special designs and to this day the samples submitte by La Salle to the Empress of Russia still hang framed on the walls of th shop that, though it does not bear hi name, is actually his direct descendant

Portrait work, too, was well pat ronized, and besides the king's like ness, La Salle was called upon to weav that of Marie Josephine de Savoie Comtesse de Provence, and he had th honor of presenting it to Her Roya Highness at Versailles in 1772, whe he was received in state and abun dantly recompensed for his pains.

But it was not in the artistic lin alone that La Salle became a master He did more for the famous Lyon industry than create admirable models and thereby launch anew a lucrativ branch of the trade. To the mechani cal process of production he opened new horizons by perfecting the ma chines.

It seems that prior to La Salle onc a piece of silk had been woven an removed from the looms, no trace of the design remained, and in order t reproduce it anew the weaver must needs recommence the entire proces of setting up the looms; a metho which, of course, was very long an costly. It was La Salle who first es tablished a series of "planchettes" o equal dimensions which, when applie to the looms, held the cords in plac so that the design might be suspende or recommenced at a moment's notice These designs with their correspond ing cords all ready to operate wer kept in a special depository. As each

(Continued on page 108)



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This old tradition still obtains, but the engagement ring has now become a thing of far greater charm and value. More precious materials came into use as taste developed and finally stones of the greatest value were introduced. The diamond has long been established as the favorite, though emeralds, sapphires, and other gems, furnish alternatives which are pleasing and quite correct.

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MASTER *of* FABRIC DESIGNE

(*Continued from page* 106)

new order came in all that had to be done to put it into execution was to remove the drawing from its shelf and hook it to the loom, instead of being obliged to devote two or three months to the tiresome "mise en train." Visitors to Lyons today can still see the same planchettes being employed for the reproduction of La Salle's cartoons, but as it is all handwork there are but few pocket books, even in this era of inflated currency, that would not quail before the sum demanded to reproduce the wall hangings at Fontainebleau or Marie-Antoinette's bed cover.

THE DESIGNER'S REWARD

In recognition of his services to the art of his country Turgot, in 1775, invested La Salle with the Order of St. Michel, gave him letters patent of nobility and accorded him an annual pension of six thousand livres.

Continuing his research work, our artist invented the flying shuttle for producing gauzes, and a loom for making goods in various widths. For it must be borne in mind that up until this time no silk material was more than nineteen inches wide.

King Louis XVIth, who himself was of a mechanical turn of mind, became deeply interested in La Salle and had trial looms set up in the Tuileries palace, and in 1783 decorated La Salle with the gold medal which recompensed the discovery considered the most useful to the promotion of commerce.

Strange as it may seem, in spite of the publicity given this innovation, in spite of its official consecration, not only was its authenticity contested, but, later on, it was introduced into France as of English origin. It seems only just that due honor be given La Salle, and it is pleasant to learn that in years that followed the French Government recognized its author by granting his widow a third of his annuity.

During the siege of Lyons in 1793, La Salle's studios were pillaged and his factories destroyed. Naturally his pension was suspended and eventually annulled.

With the end of the Reign of Terror, undaunted, he sold all his art collections and personal possessions in order to reconstruct his looms and continue his work. No sacrifice, no pains, no deceptions were so great as to impede progress and production.

Failing health however obliged him to take to his bed. But physical suffering did not hinder mental activity, and noticing the clumsiness of the old-fashioned bed when approached by a surgeon tending a patient, he invented a mechanical couch, capable of being turned in all directions so as to facilitate the doctor's task and procure greater comfort for the sufferer.

It is said that he was also the inventor of a folding device which might have served either as a ladder or as a bridge to span a river; but, sickened by the bloody events which had broken his health and ruined his country, he refused to reveal the secret which might have been useful in ing war.

Napoléon, who recognized h vices to the world, made him pre of the Conservatory of Arts, never occupied the position, sir passed away early in February,

Never content with the perf of his looms, he worked upon until the very last. Then wh realized that the end was at ha made a hasty will, leaving th the Conservatory, and expired few moments after having sign bequest.

It is easy to conceive that th cancy left by so great a master was not easily filled. In fact in respects it never has been. Fro artistic point of view it is cert not exaggerated to say that La stands foremost among draftsm his kind. In gracefulness of com tion, in comprehension of deco he has never been surpassed. A it not strange that though his dev ment was achieved during the XV period, at a time when seemed to be no bounds to a fantasy, it was toward the classic that Philippe de La Salle leaned decidedly?

When the tide turned toward plicity, when decoration sough spiration from antiquity, it is that we find our artist at his bes

No finer production, from d point of view, has ever been obt than the broché satin coverings for the nuptial bed of Marie-An ette; a gift from the city of L and which now forms part of French national art treasures. It a very close observer to discern the pattern is not in needlework broidery. In fact in some places work is to be found, but this is d the fact that the white satin gro has become worn, and the design been transferred by hand to a material.

DETAILS OF THE DESIGN

The pattern itself consists of i woven branches of reeds, rushes laurel, entwined with garlands flowers, while in reserves are mu instruments or wild game, all exec in broché or chenil. The cur which hangs behind the head-b shows a classic landscape with r and the cartoons, as carefully wo out as any 18th Century gouache be studied in the Museum of Indu at Lyons.

It would be difficult even modern improvements to under such a vast piece of work as the production of this tissue. It is that it would necessitate at least hundred thousand patterns.

Another celebrated design is in material which drapes the bed ha belonged to His Majesty Louis while the "Faisan doré," "la Corb de Fleurs" and the "Pardrix" are terns which never grow old, and always a pleasure to the eye, so o surfeited with modern attempts t "something different".



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Like as not, you will discover that music begins to take on a new meaning for you. Led by the children's simple, unaffected response to the music's mood, you may come to be moved more deeply than you thought possible.

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The Ampico is within your reach. The silent or player piano which you now own will entitle you to an allowance on the purchase price. This fact and convenient terms of payment make owning an Ampico an ambition that you may gratify without postponement. Foot-power [illegible]. Electric power models, $985 to $5000. With freight added. Uprights and grands.

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Staccato Etude—*Rubinstein*	LEVITZKI
On the Wings of Song—*Mendelssohn-Liszt*	LHEVINNE
Spinning Song—*Mendelssohn*	RACHMANINOFF
Papillons—*Rosenthal*	ROSENTHAL
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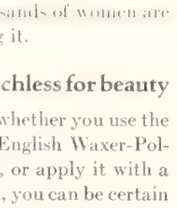
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TWO WAYS A ROOF LEA

J. M. BERDAN

RECENTLY an expert roofing man examined the roof of a well-built house in Chicago and then turned to the owner and said:

"Your roof leaks and it's costing you a lot of money." The owner laughed.

"You're crazy," he said, "my roof doesn't leak a drop. Believe me, when a roof leaks you know it."

"Here's where you learn something," said the roofing man. "You don't always know it when your roof leaks. In fact, the leaks that you don't know about are usually more costly than the ones you can see."

"Tell me all about it," said the owner.

"There are two ways that a roof can leak," said the roofing man. "Sometimes it leaks water in. When this happens you know it at once and you usually repair it at once. That's the end of the thing. But sometimes your roof leaks the other way. It leaks out. It lets heat escape which it has cost you money to produce. For this reason a roof that leaks out sometimes costs a whole lot more money than a roof that leaks in.

"And this doesn't only apply to the roof, either. It applies to the side walls of your house to almost as great an extent."

In the above statement the roofing man put before the owner facts which have been known for years by engineers. Through their efforts the doctrine of heat conservation has been spread. And the average home owner is startled when he realizes the large amount of fuel wasted by heat leakage through the roof and walls of his uninsulated house.

Most of this leakage can be prevented by proper insulation. Building insulation has always been a good investment in comfort because it keeps a building warmer in winter, cooler in summer, and quieter all the time. Now, because of the high price of fuel it is actually cheaper to build a warm house than heat a cold one.

Almost every type of roof—copper, slate, asphalt, shingle, tile—leaks heat unless properly insulated. This heat is lost either by actual seepage through cracks, such as is the case with wooden shingles, or is lost by radiation. The latter is due to the fact that many roofing materials are rapid conductors of heat and when warm air comes in contact with the underside it is quickly carried off by the cold air outside during winter.

And in the summer the reverse is true. On a warm day open the door of any attic with an uninsulated roof and you immediately feel as if you were entering an oven. In other words the average roof acts as a conductor; in summer it lets *in* the heat you want to keep out and in winter it lets *out* the heat you want to keep in.

This is also true of outside walls which are exposed to the cold of winter and the heat of summer.

The next time you are in a house with uninsulated walls during cold weather try this test. Place the palm of your hand flat against the plaster wall of a partition between two rooms. Then step immediately to an outside wall and place the same palm against the surface some distance from a radiator. The outside wall will be much cooler than the partition. This is because the wall is not insulated and the cold air outside is sucking away costly heat.

There are many insulations on the market and unless the prospective builder knows the qualities that make a good insulation he is apt to be disappointed when it comes to results.

To meet the exacting demands of modern construction a building insulation must be sanitary or it is a menace to health and safety.

It must be durable because the deterioration and necessity for replacement in a few years not only mean an added expense but such work is often practically impossible after the building has been completed and occupied.

And what is more important it must be vastly more than a mere "filling"—it must insulate effectively, thus offering the maximum resistance to heat, cold, dampness and sound.

And it certainly ought not be readily inflammable.

Sometimes flax straw fibre is used either in quilted or semi-rigid forms. In both forms it must be applied very thick to get suitable insulation value because of the small number of dead air cells in a given space.

A variety of sea weed called eel grass is also used. Being non-inflammable it is more desirable than flax straw.

Ground cork, compressed into slabs, is also used. Being in the semi-rigid form it must be carefully cut to make tight joints around irregular places.

Cattle hair, well cleaned, sterilized, and made up in quilted form, makes a sanitary, effective and economical insulation for the roofs and walls of buildings.

This hair insulation consists of a heavy layer of thoroughly cleaned cattle hair securely fastened between two sheets of asbestos paper especially chosen for the conditions under which the insulator is to be used.

Building insulation has long been accepted as a good investment by industry. Conservation engineers have saved millions of dollars for business by reducing the loss of heat.

But not sufficient attention has been turned to the enormous wastage of heat in houses. We have been satisfied with a thin sheet of what is called building paper. This is better than nothing but it is about like wearing a linen duster in December instead of an overcoat.

Fortunately, attention is now being turned to the enormous wastage of heat in the average uninsulated home. No less an authority than the late Charles P. Steinmetz, Chief Consulting Engineer of the General Electric Company was some time ago quoted in *Current Affairs* as saying:

> "Our present structures are causing annual leakage costs of literally hundreds of millions of dollars worth of heat."

House insulation is the remedy. Through it a stupendous saving is already well on its way to being made for the home owners of America.

The perennial popularity of velvets and velours for overhangings in private houses as well as clubs and hotels is due in a large part to their rich deep color tones which give such a delightful contrast to the lighter fabrics that serve as undercurtains.



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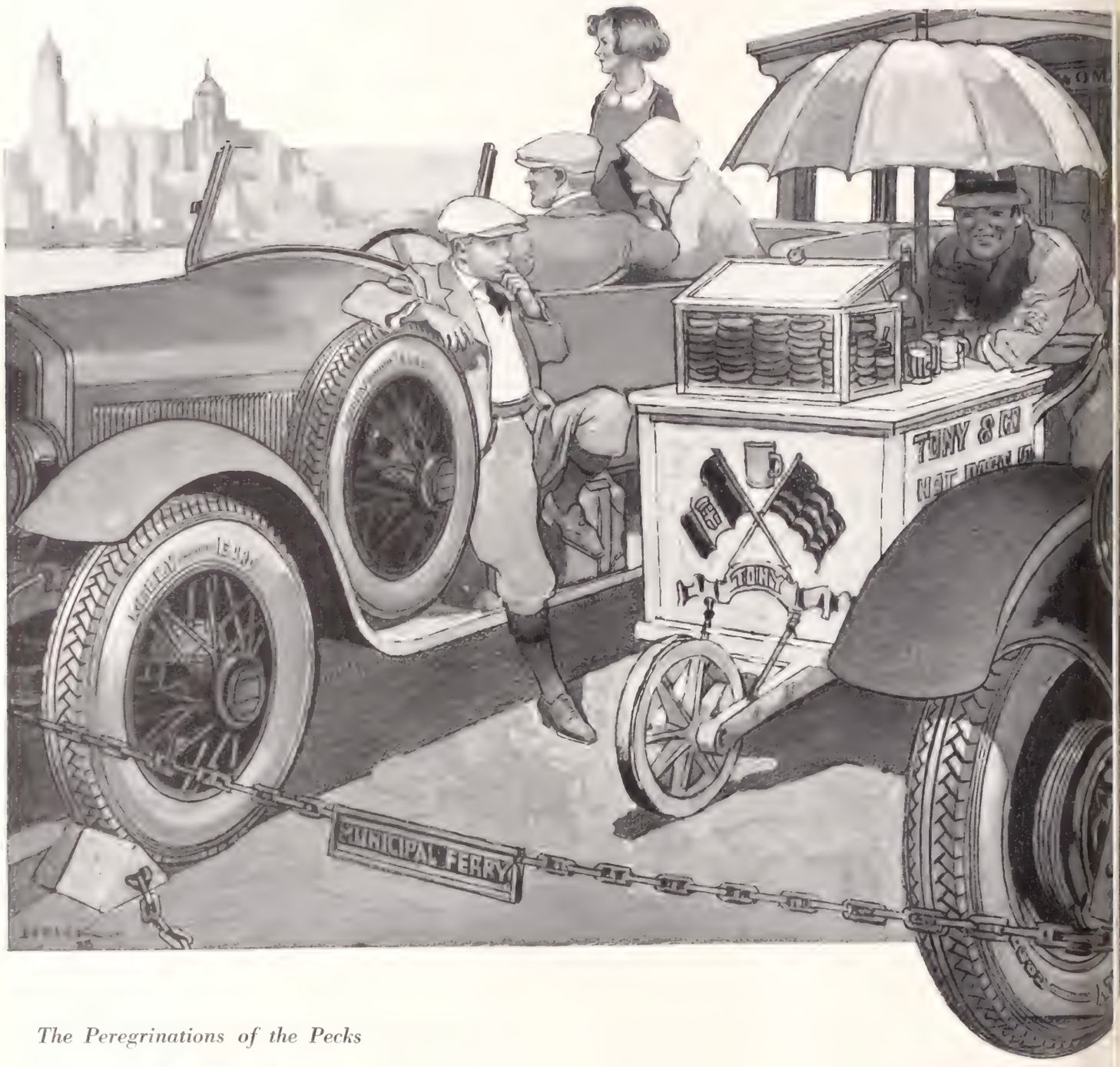
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In the forenoon shown across the Hu[illegible] toward the New Jersey shore, the Pecks take [illegible] last look at the Manhattan skyline and realize for the first time that their long-planned trip to the Coast actually has begun. With fine weather, a good car, plenty of time, [illegible] a full complement of Kelly-Springfield Tires, the prospects for the journey look bright. Jim has never yet been able to get enough golf, and if the family runs across any good courses a little further south, the trip may be somewhat delayed. In fact, we should have no hesitancy whatever in addressing the Pecks' mail to Pinehurst, N. C., for a few days.

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Lack of sleep costs the country more than a billion dollars a year!

An average of 2,000,000 people are sick or "out of sorts" every day in the United States. Counting only the value of the time lost by workers, the cost to the country is something like $1,500,000,000 annually.

Preventable diseases also carry off more than 400,000 adults each year. Since economists value a "grown-up's" life at $5,000, this means an additional loss of $2,000,000,000.

Much of this waste could be ended by correct sleep habits. Better than any tonic, unbroken rest eliminates fatigue poisons, builds vigor and energy and fortifies us against the many serious maladies which attack weary bodies and exhausted nerves.

Before you go to bed tonight, make sure that *your* mattress and spring are not robbing you of the sleep you need and thus shortening your life, perhaps. Compare them tomorrow, at any leading furniture store, with Simmons quality mattresses and springs.

Styles to suit every taste: prices to fit any purse. Built of *best materials* by the world's largest maker of sleep equipment. *The Purple Label* is now the finest mattress made in America.

Restrained but vivid color gives the key to this individual chamber. The Venetian blue of the closet doors (striped in gold) is repeated in the comforts and the satin borders of the bedspreads. The latter may be of ivory satin or mercerized cotton taffeta. Wilton or chenille rug in terra cotta. Tinted walls in soft primrose. Wall hanging in brocade or damask with pattern in gold. Beds, table and chiffonier are from a complete new suite of Simmons Steel Furniture, Design 122, in a permanent finish reproducing antique walnut. May be had also in French walnut, mahogany and American walnut, or a range of new and lasting colors: smoke blue, coral, soft gray, jade, lacquer red, old ivory. Beds are Design 1841. Write for an interesting color booklet, "Restful Bedrooms," to The Simmons Company, 666 Lake Shore Drive, Chicago.

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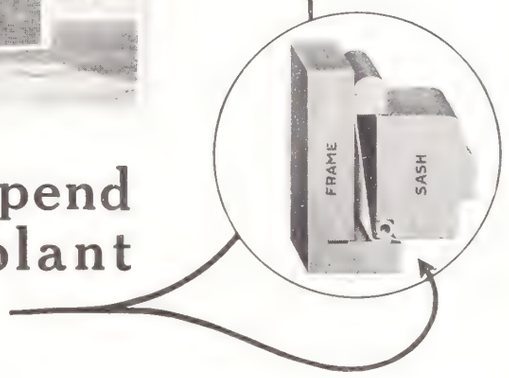
ASBESTOS SHINGLES

e saved $41.20 worth coal the first year."

ore installing Monarch l Weather Strips, we were ing 7 tons of coal a year," s Mrs. John A. Ohman, of lehead, Mass., whose home tured here. "Since install- he strips, our house is much ner, is free from draughts dirt, and we now burn only tons of coal a year. We d 2½ tons or $41.20 worth al the first year the strips installed."

total cost of Monarch pro- on for Mrs. Ohman's home, its six rooms and bath, was $123.00. Monarch Strips e installed by the H. E. rook Company, Monarch sees at Boston, Mass.





oes the size of your fuel bill depend n the size of your heating plant

—or on the size of that crack around each of your windows and doors?

n may spend months deciding which heat- lant is best for his home. He consults an te.t, talks to an engineer, gets the advice s friends. He insists on facts and figures, buys with the sound, practical business ment warranted by the size of his invest- .

then, far too often, he deliberately defeats purpose of his costly heating plant by a ess choice of weather strips. He succumbs at age-old fable that "all weather strips are "—and, as the months and the years slip wonders why his fuel bills keep steadily bing, and why his carefully chosen heating t fails to provide the comfortable tempera- for which he is paying so dearly.

ter or later he realizes he should have used same forethought in selecting his weather s as he did in selecting his heating plant. earns there is as much difference between ous kinds of weather strips as between ous kinds of heating plants. He begins to eciate the importance of controlling

That ⅛-inch crack

n when your house is new, there is a crack ast 1/16 inch wide all around each window veen the sash and frame. That crack is left e to permit the windows to slide up and n. But as the heating plant is put in opera- the wood dries out, the sash shrinks, pulls y from the frame and the crack gradually vs larger. Cases have been found where this k has increased to ¼ inch at the end of the second heating season. The average crack, however, is ⅛ inch wide.

Cold air—thousands of cubic feet of it—filters in thru that crack every hour. And as the cold air filters in, the money-made heat generated by your carefully chosen heating plant departs for the great outdoors thru that unprotected ⅛-inch crack.

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Any kind of weather strips will stop it—*temporarily*. But only Monarch Interlocking Metal Weather Strips will stop it *permanently*.

Monarch two-member interlocking strips give and take with the sash as it swells or shrinks. They hold the sash in the same position at all times. And they not only last as long as the building itself, but always work as well as new.

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The coupon below will bring you a free estimate of the cost of Monarch protection for your home. It will bring you, also, a copy of that interesting new booklet, "Only ⅛ of an Inch," which tells why weather strips are necessary on every building—why old-style weather strips defeat the purpose of your heating plant and send fuel costs climbing—and why Monarch Interlocking Metal Weather Strips alone control air leakage thru windows and doors, and save fuel. Clip, fill in and mail the coupon—NOW!



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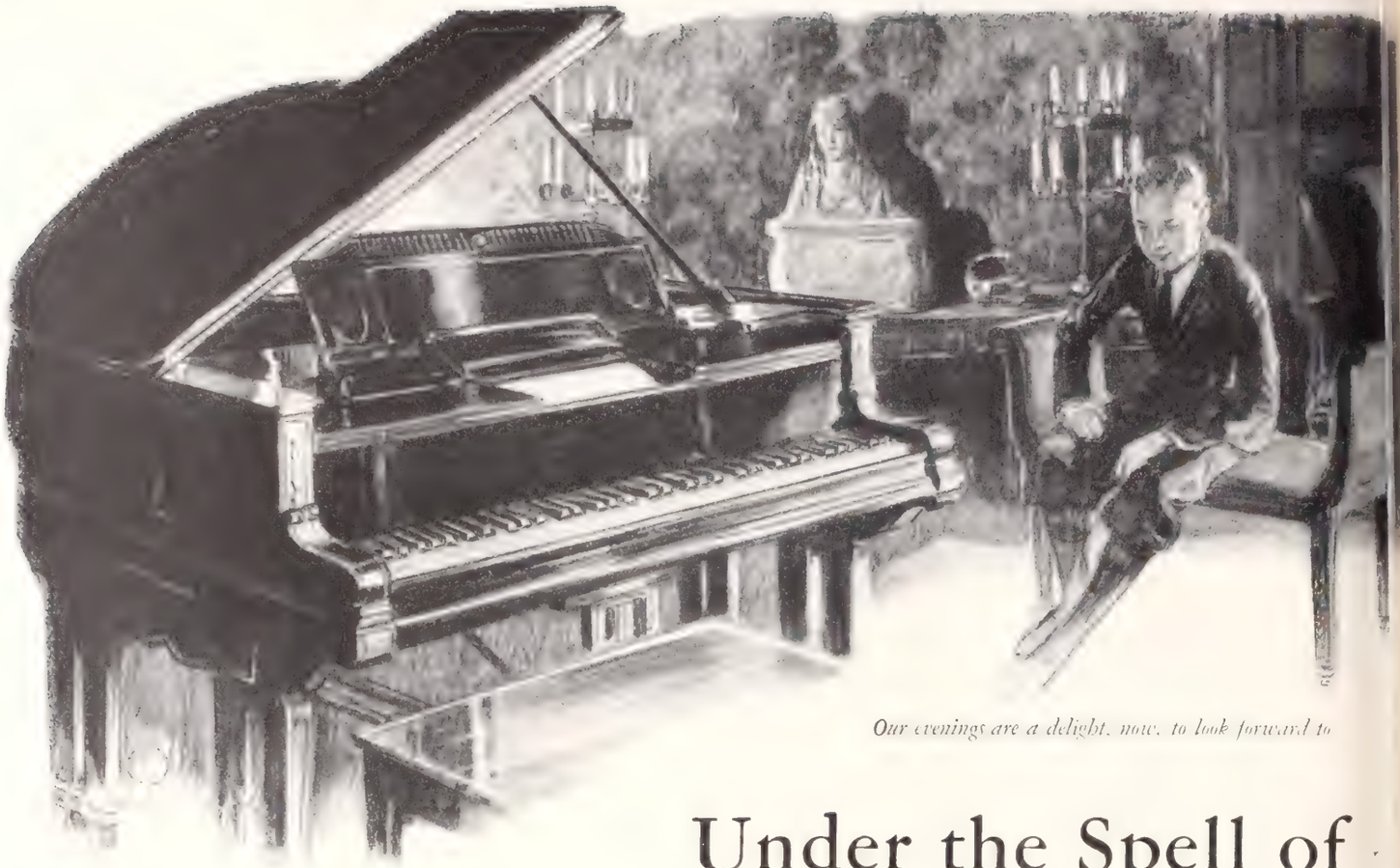
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Our evenings are a delight, now, to look forward to. Our little family gathered about the Duo-Art, as families used to gather about the hearth-stone. Drawn closer together by a common interest and made, I think, each of us a little finer, a little better, by music's magic spell.

JOSEF HOFMANN says:

'As you know, before I entered into an agreement to play exclusively for the Duo-Art, I made a very thorough investigation and convinced myself that your instrument was superior to all other reproducing pianos. During the past few months I have had a Duo-Art in my home at Seal Harbor and my enthusiasm for this great instrument has increased as my familiarity with it has grown.

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Our little family gathered about the Duo-Art, as families used to gather about the fireside

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It is first of all a splendid piano, in our case, a lovely little Weber Baby Grand. Mother plays it by hand and I play, and we both adore its sweet, rich mellow tone and sympathetic action. Rachel is taking her lessons and practises on it, and her teacher says it is the finest piano she has ever played.

A Pianola

Then it is a Pianola, with perfectly wonderful devices for putting one's own *expression* in the music. Dad and Ray particularly admire this feature of the Duo-Art and spend hours playing it this way. They have both become very expert and it's extraordinary with what taste and feeling they can interpret even the really difficult things.

A Reproducing Piano

But best of all, it is what is known as a *reproducing piano*—a piano which reproduces performances that have been played upon it.

Isn't it wonderful that an instrument could be made so sensitive and yet so powerful, that the playing of a Paderewski or a Hofmann can be faultlessly reproduced? That can play one moment with soft, lingering pianissimo; the next with thundering staccato chords?

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There are special rolls for the reproducing action, made by the artists themselves, while actually playing. If we should question if it was really Hofmann, for example, who was playing, the roll itself answers the question. Each Duo-Art roll has this upon it:

> "This roll is my interpretation. It was recorded by me for the Duo-Art, and I hereby authorize its use with that instrument."
>
> (signed) JOSEF HOFMANN

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Fong Long Kou, who made this panel in 1690 drew on his imagination for one of the Chinese fabulous animals. From the Metropolitan

PALACES AND PARADISE

(*Continued from page 84*)

three inches and twenty-one feet.

The subjects for decoration were usually chosen by Coromandel lacquer artists from legendary lore, Taoist or Buddhist scenes such as the T'ien T'ang or celestial Paradise of the Taoists, Palace scenes of the Han dynasty as the Chinese artist imagined them to be from 206 B.C. to A.D. 221, and such scenes contemporary with his own times as that of the Palace scene of the Emperor K'ang-hsi already described. These great pictorial decorations maintained, more or less, the tradition of the *horror vacui* coming down from the primitive artist; nevertheless, despite the fact that these scenes completely cover up the great spaces reserved for them, water and ground and sky are left black with tremendous effect. These great scenes were surrounded by various symbols borrowed from Taoist, Confucian and Buddhist art, and also by panels containing smaller subjects from Chinese legend. Sometimes lengthy inscriptions were combined with decorative motifs, or entirely given over to decorative panels. A narrow border, symbolic in design, was placed around the great central scene of the front and again a narrow border of this sort framed the boundaries of the screen, front and back. As with Chinese inscriptions, one "reads" the story as pictured in the scenes from right to left, the culminating events, if there are such in the scene, being shown on the left hand panels.

These old Coromandel lacquer screens were highly prized, not only by the Chinese themselves, but by European art-lovers as well. The Portuguese, Dutch and English traders of the East India Company always found the demand for them greater than the supply, and that they were snapped up as soon as they were shown. Cardinal Mazarin is said to have placed a standing order for Coromandel screens with the Portuguese merchants. Coromandel lacquer, notwithstanding the favor with which it was regarded, was one of the few arts of the Orient which in the 17th and 18th Century escaped imitation. It is a difficult thing to imitate, an almost impossible thing to imitate with any degree of success and then the cost of producing such an imitation would be discouragingly great to the get-rich-tribe of fabricators of fra dulent antiques. But if the 18th C tury *ébeniste* did not resort to imit ing Coromandel lacquer work, he not, alas, hesitate to break up such these superb screens as now and th might come his way, and insert s tions of them as panels in pieces of furniture, or to cut down the scre to those having a lesser number folds than the originals had. Wh I do not know to what extent t vandalism was practiced, and the co pound objects which have survi are too few to give indications of the practice seems to have broug about no contemporary protests.

The technique of Coromandel l quer somewhat resembles, in eff that of champlevé enamel, the s faces to receive color being incised dug out, just as the surface of t metal is dug out to receive the color enamels in champlevé. The colors a applied flat, that is to say, in one to but the varying depth of the groovi of the irregularly carved surfaces which the color is applied, natural bring about a variety of shading reason of the manner in which t light falls and shifts upon this irr gular color surface. Thus while on white and red and green and yello and blue and gold may be used, t painted lacquer appears to have greater variety of color-tones th just six, or the actual number of f tones used.

The base of Coromandel lacqu consists of a wood which is almo invariably hard in texture and hea in weight. On this foundation la after layer of a white coating is bu up with an even surface and of even thickness, a tedious process quiring great care. After this coati paste has been applied and dried, it smoothed with pumice stone. Aft this a layer of black lacquer is appli and when dry, polished with gre care. This operation has to be repeat until a perfect surface for the bla lacquer is obtained; the black l quer coating, however, remains th Through this the design is next inci striking into the white underlyi stratum and cutting through to t wood of the panel. These inci surfaces are then dusted and prepar to receive the color and gilding wh are then applied. The undecorat

(*Continued on page 122*)

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WINDOWS

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NOW is the time of year to begin thinking about new curtains. The heavy hangings of the winter should be replaced by lighter fabrics—gay chintzes, crisp organdies, dotted muslins or the charming sunfast taffetas which now come in a variety of lovely colors as well as in interesting striped designs.

CHINTZ offers the most satisfactory solution for the problem of summer curtains. This delightful fabric with its wealth of design and crisp cool appearance adapts itself to many types of decoration. The designs range all the way from the large, conventional patterns intended for a formal living room to the delicate flowery figures, distinctive in design and charming in coloring, that adds so much interest to the small, intimate type of country house morning room. For children's rooms and nurseries there are old-fashioned flower patterns as well as fairy tale scenes, and one of the most amusing and original fabrics intended for a child's room is a chintz with scenes from Aesop's Fables. Nor is



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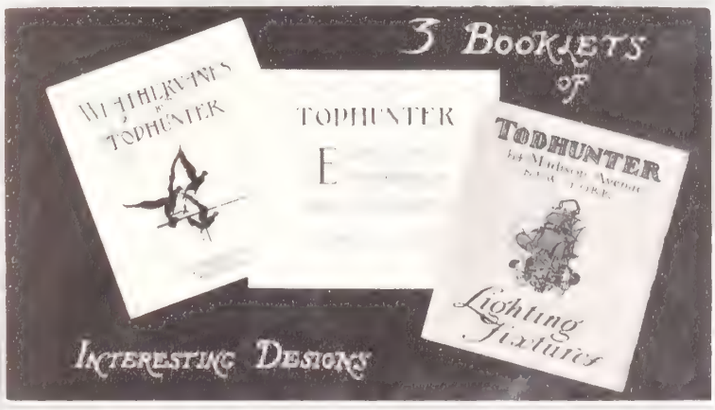
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the man's room neglected. Chintzes and block printed linens with dark grounds and conventional patterns are used for both slip covers and curtains, giving the room interest and variety without in the least detracting from its masculine character.



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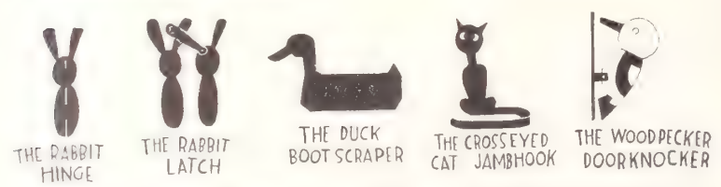
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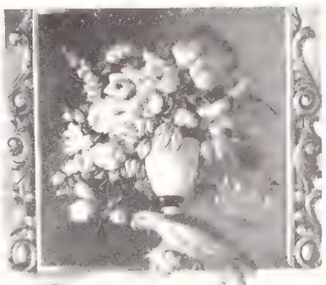
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IF YOUR windows are small don't smother them with two sets of hangings. Choose some material such as organdie, dotted Swiss, gauze or sheer net and use only one pair of curtains. These, to be interesting, should either be trimmed with pleated or fluted ruffles or edged with a decorative trimming of some kind. Narrow rick-rack braid is charming on dotted Swiss, and for curtains of plain



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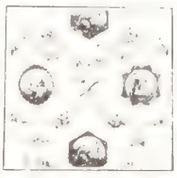
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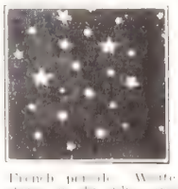
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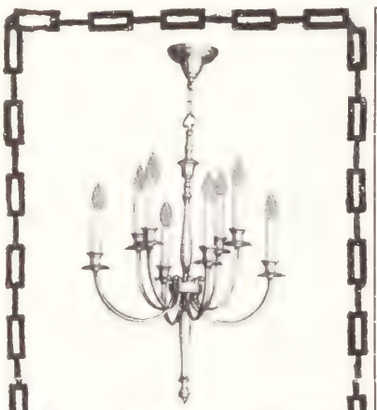
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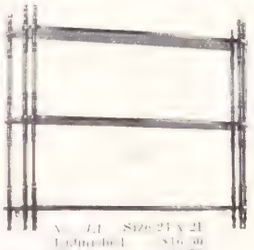


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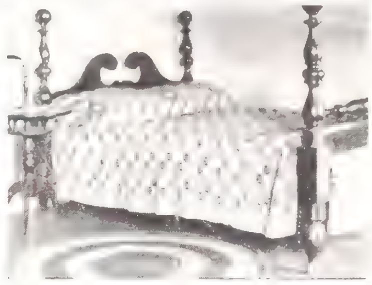
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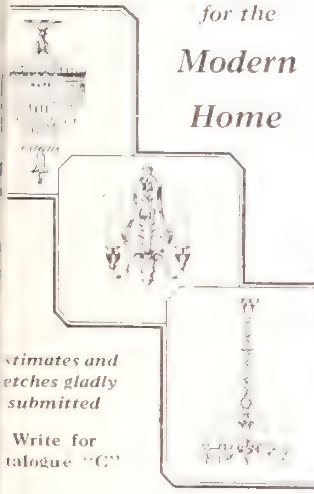
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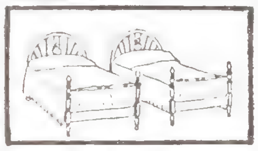
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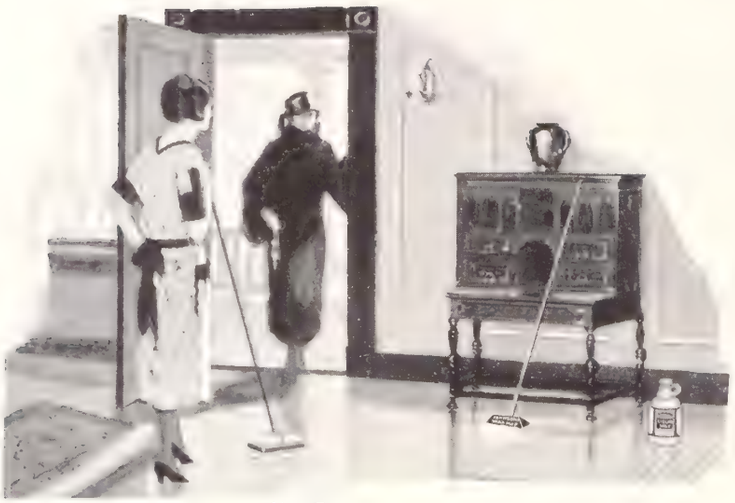
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JOHNSON'S LIQUID WAX

PALACES AND PARADIS

(*Continued from page* 116)

black portions of the panels are left as they are. In time these black areas turn somewhat brownish in hue, resembling deep sepia. M. E. A. Séguy, whose recently published monograph, *Les laques du Coromandel*, outlines the method used by the worker in Coromandel lacquer, suggests that the hue of the black ground gives indication of its age, the panels whose black is a clear black being assigned to more recent periods than those having the brownish-black.

Despite the conventions of Chinese art, the Coromandel lacquers of different artists, even though we may not know their names, should present individual characteristics. Mention has already been made of the fact that the Chinese artist in Coromandel lacquer work left his land, sky and black. Just as in the best tradit the art of the woodcut the engraver works for the effect of on black, so did the Coromande quer artist work for the effect of on black, and not of black on In this respect he occasionall sembled his confrère, the kerami ist who decorated the Chinese lains of the *famille noire* sort. Séguy points out that the artists the late Ming dynasty (this drew to a A. D. 1644) depicted plant life extraordinary botanical exactitud the artists of the K'anghsi were scarcely less skillful. Thus that the floral decoration on mandel lacquer panels has an in to scientists as well as to art love

THE ROLE OF THE MIRR

FEW people realize the endless possibilities of the mirror in the scheme of decoration. This delightful accessory in addition to its practical role of enlarging a small interior and brightening up a dark one can be used in a variety of ways as pure decoration. When handled with skill it adds unmeasurably to the appearance of a room often giving variety and interest to an otherwise uninspired space.

One of the most effective ways of using mirrors is in narrow strips as frames for wall paper panels. Here the strips should be about two inches wide. Very charming was a country house living room with walls do this manner. The paper panels h strong light blue background ar brilliant flower design in yellow mauve. Because of the pictorial e of these panels no pictures were The walls around the fireplace an section over the mantel were pan and painted the blue of the paper mirror inset above the mantel, fra in simple wood mouldings, repe the motif of the frames. Frame this type were also used in an Century English room around Ch paintings on silk. Here the glass framed in narrow lines of lacquer

(*Continued on page* 124)



This small gilt Venetian mirror is hung above a commode painted green and gold. Margery Sill Wickware

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This decorative white and gold mirror and console are used in a narrow hallway. Ruby Ross Goodnow, decorator

THE ROLE OF THE MIRR(R

(Continued from page 122)

Another charming use for mirrors is as valance boards over curtains of silk or satin. These are about five inches wide and gracefully curved at the bottom, the mirror sections held in place with a small glass rosette in the center. At the lower edge is a narrow line of black glass for a note of accent. With this type of valance may be used round mirror tie backs.

This picture at the bottom of this page shows an effective way of mirrors in a door. Here the are outlines with narrow mo painted dull gold, the woodwo the door being dark green to with the green note in the marb walls. The growing interest in rative doors of all kinds has re in some unusually interesting ments—painted effects, wall pap pliqués, and prints and mirror



The front door in the home of Ruby Ross Goodnow is given distinction by mirror panels



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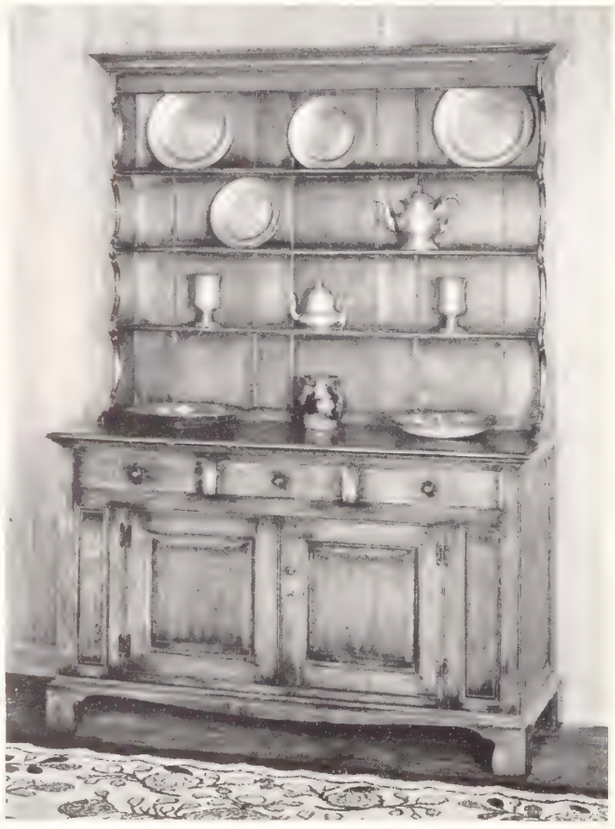
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Merrill

A strip of brocade, a bowl of flowers, a favorite portrait photograph—these are enough decorations for a piano. Elsie Cobb Wilson, decorator

LIGHTING THE PIANO

(Continued from page 72)

to long established canons of beauty cries out against it. Chairs, sofas, tables and cabinets resent its arrival. Delicate fabrics in its proximity wilt, or become garish. The most priceless objets d'art placed on its shining surface might as well have remained in a shop window for any addition of allure they might be supposed to bring to the room.

The piano must be dressed—unadorned it challenges the room. The garment may be a voluminous covering of old silk or brocade or a chaste and more closely fitting panel of satin. When its owner demands that it remain nude, then a large vase of numerous high flowers should always live upon it to carry the eyes of all beholders past the dreary region of blackness.

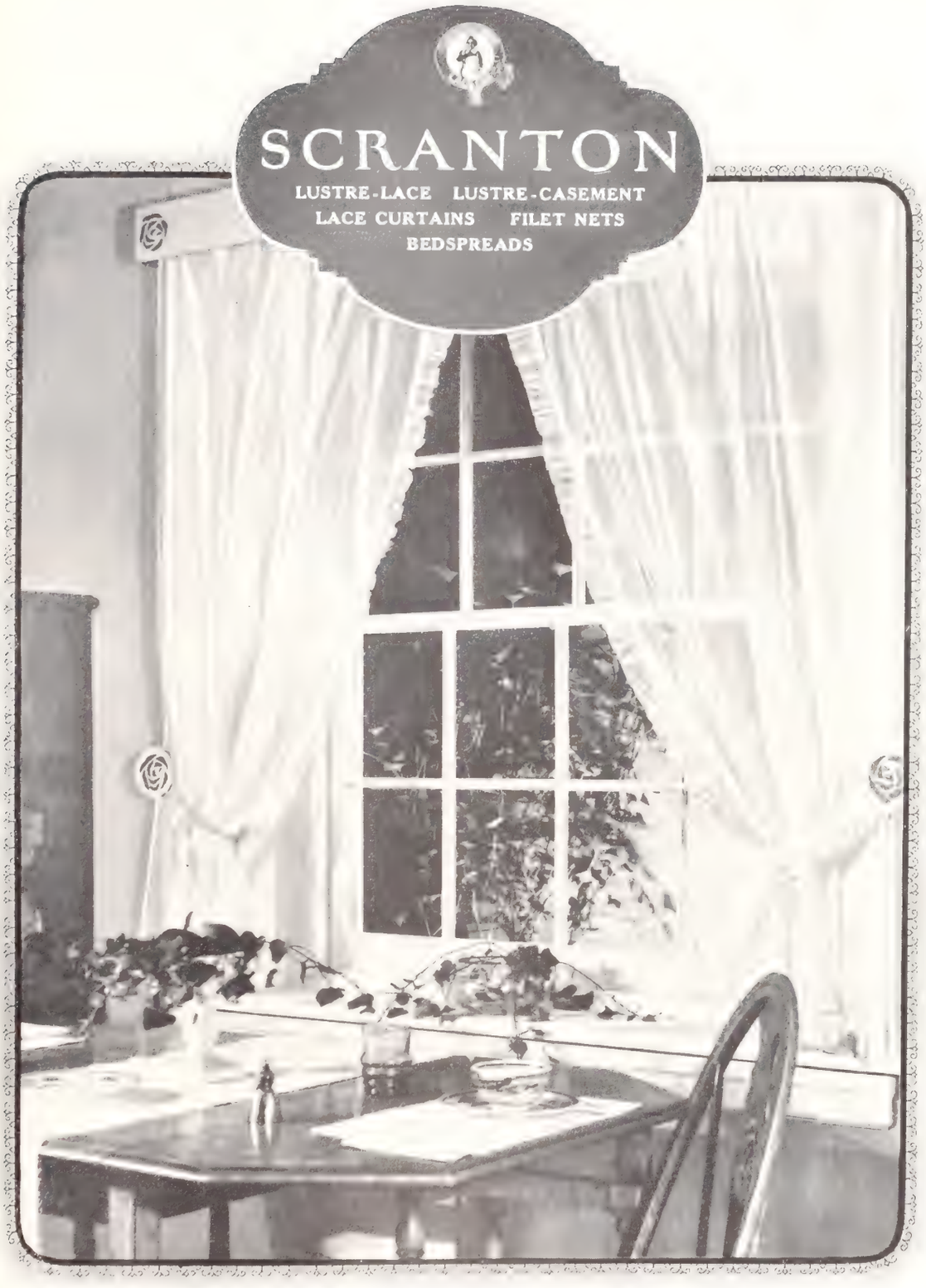
The piano dressed, or undressed, should never be allowed to become a repository for chance bric-a-brac, a vase or two of flowers, or leaves, and one arresting object—something that is bold and brilliant in outline and color should make its complement. The silver-woven table cloth of a Doge and a prancing Ming horse, the amber bead hanging of a Chinese Empress and a marvelous bronze head from some ancestral shrine, a great crystal vase of pink roses—these are personal fancies.

After dressing a piano we come to the equally important question of lighting it. The only excuse for a piano in a room is that it is something that is constantly used. The pi the average living room is seldo lit. A piano should always h back light, either a lustre in an a or a lamp by the wall side. there is no central lighting in a or the piano is distant from the lighting, candle lights or cand with mock candle lights shou placed at the right and left performer.

The pictures accompanying thi cle show three arrangements of that have carefully planned an cessful lighting. In each arrang the performer can read the mos cult music without straining th and yet the piano illumination is tempered assuring any fair perf that her face will not be caugh destructive effulgence, or yet l the spectator in a sort of half e

The picture at the top of thi shows an effective arrangeme furniture in the corner of a room. Here a grand piano is ingly placed between built-in shelves and a mirrored door. N are a small table for a few book smoking things and a comfo bergère, giving a look of livab to the group.

On the piano itself is a piece Chinese brocade in soft, faded trimmed with dull gold braid, a vase of flowers and a photo The illumination for this pi supplied by a floor lamp placed left of the player.

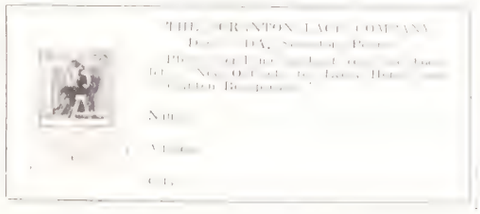


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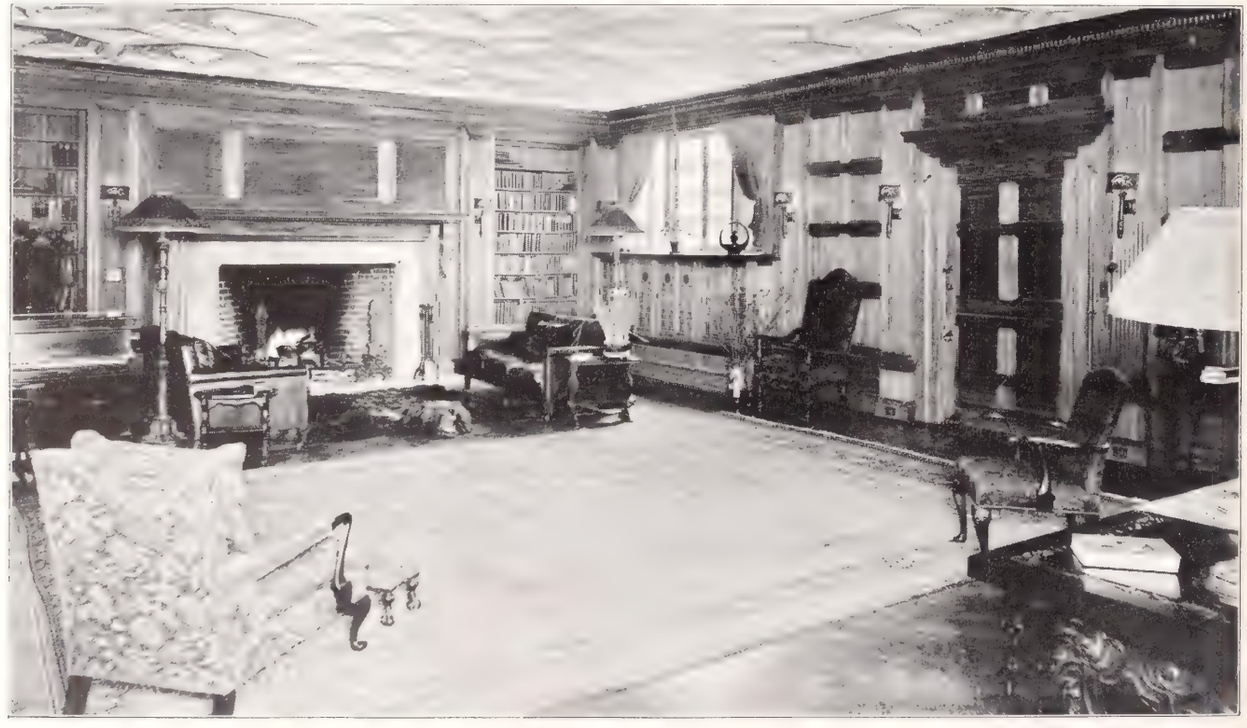
The answer interprets but does not explain Nature's riddle, for it is one of her hidden secrets why some Gumwood trees display exquisitely figured wood, while others do not. All one can say is that in some mysterious way the nature of the soil and condition of growth affect the structure of each individual tree, and only after the log is sawn into boards, does the wood reveal itself as figured or plain. To discover a rarely figured Gumwood tree has been compared, therefore, to the surprise of finding a jewel, whose beauty is only brought out by cutting and polishing.

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Fortunate is the home that possesses paneling and other interior woodwork fabricated from this interesting native hardwood. There is an elusive warmth of tone in the natural reddish-brown coloration of the wood, w ich seems to suffuse itself through any ish applied to it. The effect is a satin-like s ew which when emphasized by the char ter-istic formations which Nature displays t is grain, endears Gumwood to every lo er beautiful woodwork.

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City ..... State .....

New — the Richardson *opal* roof

n coloring especially ffective on a house of creamy stucco



pal—a roof with the coloring of brown ctober leaves silhouetted against a deep ue sky.

Here is a note that's new in roofing eauty. To almost any home it would add :tractiveness.

And if that house of yours is a trim-lined :ucco of creamy tan, it is *the* roof.

It's a roof that sets comfortably on such a ouse. Light enough in tone so as not to make look top-heavy; yet so distinct in coloring iat it isn't lost against a background of sky id trees. It is cool and restful in color; yet either cold nor monotonous. Interesting in s endless variety of softly blending patterns, is never obtrusive.

This unusual Richardson Multicrome Roof s formed of shingles on each of which are lended slate flakes of jade green and Richrdson's rare weathered brown. The opal effect s secured by applying them just as they come rom the bundle. No sorting or special work n laying is necessary.

Other rich blends of color

This, however, is but one xample of the beauty se:ured in Richardson Mulicrome Roofs. There are ther new colorings, likewise suited to different ypes of homes.

The *tapestry tan* roof or example; predominately weathered brown in one, and patterned like a rare tapestry in soft tile red and jade green mixtures. It is unusually rich looking on a brick house of almost any color.

And for a white Colonial home nothing could be more attractive than the onyx roof, where opal and *bronze* mosaic shingles (similarly formed with weathered brown and tile red slate flakes) add interesting touches of color to a jade green background.

Before you build, before you re-roof, by all means see these new roof colorings. One of them can give your home just the distinction and charm you have always wanted.

To help you choose

With these new colors you can make the roof one of the most effective units of your decorative scheme. It is all-important, of course, that the coloring of the roof be in harmony with the rest of the house. Only then can it contribute its full share of beauty to your home.

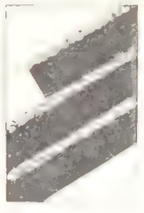
To help you choose the roof which will make the most of this opportunity we have prepared an authoritative booklet fully illustrated in color. It shows page after page of beautiful homes in different architectural styles. And with the Richardson Harmonizer which it contains you can see the complete effect of 54 different combinations of body, trim and roof colors.

The booklet also gives valuable information on the principles of any harmonious color scheme. It is called *What Color for the Roof?* The price is 25c. If you are planning on building or re-roofing, this booklet will be worth many times its cost. Write for your copy today. Or perhaps you will be interested in our booklet, *A Richardson Product for Every Roofing Need*: sent free.

See the new colors at your dealer's

Meanwhile, go to your nearest dealer in lumber, hardware or building materials. Ask him to show you these and other beautiful Richardson color effects, in solid as well as blended tones. Ask him, too, why the points mentioned in the panel at the left make their beauty *lasting*.

DEALERS: *There is a Richardson product for every roofing need. Perhaps you can secure the Richardson franchise for your territory. Write us.*



Richardson Multicrome Roof



Ordinary Roof

The Multicrome [illegible] *vacuum-processed. Its surface is slate in close, overlapping* [illegible] *weather and fire hazards.*

The Richardson Multicrome Roof represents [illegible]

It is economical to lay and equally good for new or over-the-old-roof jobs.

The RICHARDSON COMPANY
Lockland (Cincinnati) Ohio

[illegible]

Send this coupon for booklet



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Street .....

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RICHARDSON ROOFING



"Hartford-Saxony" Rugs

REGISTERED U.S. PATENT OFFICE

Made exclusively by the Bigelow-Hartford Carpet Company at their mills in Thompsonville, Conn.

The masterpiece of a century's enterprise

CHARMING Dolly Madison," perhaps the most famous First Lady of the Land, had left the White House only nine years and was still the model hostess of her time, when this Company had its early beginning.

As tasteful Mistress Dolly ever since has been a paragon of feminine charm and housewifely graciousness, so for these one hundred years the floor coverings produced by this Company have held a position second to none for decorative beauty, quality and durability.

The wealth of experience, the facilities and skill developed in the passing of a full century, all are epitomized in this modern rug—**"Hartford-Saxony"**—preeminent among the many fabrics we weave.

"Hartford-Saxony" rugs have a distinguished appearance little hinted at by their moderate price, a warmth of tone, a richness of coloring and a depth of soft, luxurious pile universally imitated but never equalled. And no rug made in America can outlive them in hard, trying service.

You can obtain "Hartford-Saxony" rugs in twenty-eight stock sizes, from 22½ in. by 36 in. to 11 ft. 3 in. by 24 ft., and special sizes can be made to order.

Most reputable dealers carry "Hartford-Saxony" rugs. If you have any difficulty in procuring them, our New York office will see that you are supplied, and at any of our salesrooms you can see the full line displayed.

Write for free illustrated booklet on "Hartford-Saxony" rugs

LOOK FOR THE FULL NAME "*HARTFORD*-SAXONY"
WOVEN IN THE BACK OF THESE RUGS AS
A GUARANTEE OF QUALITY

Bigelow-Hartford Carpet Company

ESTABLISHED 1825

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The "Hartford-Saxony" rug illustrated below is
Pattern 1685
Color 4



SANITAS
STANDARD STP TEXTILE PRODUCTS
BRAND
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Look for this trademark on the back of the goods.

SANITAS
MODERN WALL COVERING

tyles for every om in the house

Plain and Pastel Flat Finish
[illegible] or [illegible]

Decorative Flat Finish
[illegible] designs of vague formations, stripes, ed effects, and reproductions of tapes- grass-cloth, leather and various fabrics.

Brocade and Metallic Finishes
bossed effects for paneled treatments rimmings.

Enamel Finish
colors, tile effects and decorative rns, for kitchens, bathrooms, etc.



It's as much a part of the walls as the plaster is

SANITAS on your walls becomes actually a part of the house. It not only adorns the walls; it protects the plaster, prevents some cracks and restrains the progress of others, and covers up permanently these and other defects.

When you figure the cost of wall coverings over the period of years they last, you will find that Sanitas is mighty inexpensive—in fact, it's a paying investment. It is the wall decoration that doesn't "stay put" that costs money. Sanitas earns its price in the service it renders your walls, and its upkeep cost is nothing more than that of a damp cloth to wipe it clean once in a while.

Sanitas is a *modern* wall covering—modern not only in designs and colorings, but really a modern material, made to meet modern living conditions, and ideals of cleanliness and unlabored perfection.

Sanitas is made on cloth, but the weave of the cloth doesn't show on the surface. The sturdy, woven back keeps it from cracking, tearing, peeling, or blistering, and gives support to the plaster. The surface is ready-finished with durable oil colors that do not fade. Apply Sanitas on any flat surface; new walls as soon as the plaster is dry, old walls when the cracks have been filled, plasterboards anywhere, any time.

Ask your decorator to show you the new Sanitas patterns
Write to us for samples and descriptive booklet

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When you visit Atlantic City, see the Sanitas Exhibit at 1410 Boardwalk, Central Pier.

S U B S T A N C E · F O R M · A N D · C O L O



Concrete, made with Atlas, shows its adaptability to form, its economy, its beauty, in the Fountain of Time, Chicago

MR. LORADO TAFT, sculptor of the fountain which stands in Washington Park, said: "There is not a stone that America produces—not a material—that I would prefer to the color and effect we have on the monument." And John J. Earley, who executed the fountain in concrete made with Atlas, amplified Mr. Taft's viewpoint when he said: "This work will appeal to architects on the same basis that it appealed to Mr. Taft. Their problem is from an economic as well as an artistic point of view, exactly the same as his."

The substance, the permanence and strength of concrete has been demonstrated in great bridges, dams, canals, highways, factories and skyscrapers. Its compliance to any demands of form and sha is proved by such work as this Fountain of Tin

And through Atlas Portland Cement with color aggregate are now opened all the possibilities color which add the final requirement of a cor plete architectural material, and so economical th its use is practical for every type of building.

The quality that made Atlas the preferr Portland Cement for this achievement makes equally desirable for all types of Concrete Constru tion, and serves to keep Atlas known as "t Standard by which all other makes are measure

Between the Atlas plants and the user there is but one distributor—the buil material dealer—who brings Atlas to the public cheaper than by any other me Any architect, contractor or prospective builder is invited to write this Company regar the possibilities of concrete, made with Atlas.



Atlas
Portland Cement

The ATLAS PORTLAND CEMENT Company

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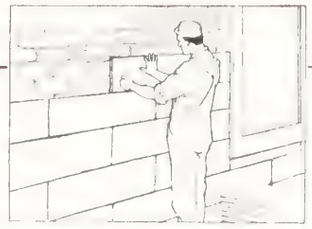
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Atlas Whit
Portland Cem



Armstrong's Corkboard Insulation is easily nailed to frame construction or set in Portland cement mortar against brick or tile. Holds plaster permanently. No lath required.

ınd Armstrong's Corkboard to Keep Your House Warm in Winter and Cool in Summer"



ARMSTRONG'S CORKBOARD built into the walls and roof will make your house easier to heat with a smaller plant and a fourth to a third less fuel. It will make your home more uniform in temperature, upstairs and down, freer from drafts and very much cooler in summer than an uninsulated house.

Every house needs insulation. Brick, tile, stone, wood and plaster are not heat insulators. Too much of your furnace heat goes right through them instead of staying inside to warm your rooms. And in summer, the sun's heat gets in as easily as furnace heat gets out.

Armstrong's Corkboard insulates your walls and roof in much the same way that rubber and porcelain insulate your electric wiring. It holds back heat 16 times better than brick; in other words, an inch and a half of Armstrong's Corkboard has the heat-retarding value of a *brick wall 24 inches thick*. Think what that means in increased comfort and smaller fuel bills. Armstrong's Corkboard Insulation makes your walls and roof practically "heat tight."

Armstrong's Corkboard goes right up against frame or masonry construction and requires no lath or furring strips. It takes and holds plaster permanently. It is fire-retarding, moisture-proof and vermin-proof, and has been used and proved for years in the industries.

It is so easy to make your home cool in summer and warm and easy to heat in winter that you should investigate Armstrong's Corkboard. Full information will be furnished to prospective house builders without charge or obligation.

ARMSTRONG CORK & INSULATION COMPANY
193 Twenty-fourth Street, Pittsburgh, Pa.
Division of Armstrong Cork Company

Armstrong's Nonpareil Corkboard Insulation

Excellent Non-
ductor of Heat
strong's Cork-
l contains mul-
of microscopic
each one sealed
ature and con-
ng entrapped air
best heat insu-
known except
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2. ***Non-Absorbent and Sanitary*** — Armstrong's Corkboard will not absorb moisture and needs no furring strips. It does not mold, rot or provide harboring places for rats, mice or vermin. It lasts as long as the house.

3. ***Structurally Strong and Easy to Install*** — Armstrong's Corkboard is strong in structure and is easily nailed in place in frame buildings or readily set in Portland cement mortar against brick or tile.

4. ***An Excellent Base for Plaster*** — Armstrong's Corkboard takes and holds plaster permanently. No lath is required since the plaster keys firmly into the surface of the corkboard.

5. ***Slow-Burning and a Fire-Retardant*** Armstrong's Corkboard is slow-burning and a positive fire-retardant. It will not burn unless flame is applied from an external source, and does not smolder or carry fire.

6. ***Reasonable in Cost*** — Armstrong's Corkboard costs no more than good lumber. Furthermore, its use makes possible a considerable reduction in the size of the heating plant and effects savings of 25% to 50% in fuel.



This table cloth and matching set of napkins has an unusual and charming orchid design. Table cloth may be had in all sizes. 2 yds. square (pictured) **$17.75**. *Napkins 15" x 15"* **$11.50** *per dozen. Also larger sizes.*

The Newest Designs in

Exquisite

Table Linen

NEW Importations! A selection as varied as it is charming and different.

Here are all the conventional designs worked out with a fidelity to detail that is most unusual. And new designs—a selection of floral motives and artfully conceived patterns that will delight your eye. There is a delicacy and rare beauty to this selection of fine McGibbon linens that surpasses our most beautiful previous Spring displays.

Be sure to visit McGibbon. You will be agreeably surprised at the decidedly moderate prices prevailing on all linens. Towels, sheets, pillow cases, fancy pieces and all household linens of highest quality are priced here to attract the most economical woman.

All mail orders will be given prompt attention. Send for our catalogue No. 64—featuring our latest offerings in quality linens.

McGibbon & Co

3 West 37th Street ~ New York

NEAR FIFTH AVENUE

HOUSEHOLD LINEN | INTERIOR DECORATIONS | LACE CURTAINS



The downy shoots and gray velvet leaves of Androsace lanuginosa must rest upon a good bed of stone chips. From the garden of C. W. Lown, Poughkeepsie, N. Y.

APRIL WORK IN THE ROCK GARDEN

(*Continued from page 77*)

seeds—these are the worst, but no weed of any sort should receive the least clemency. Where they are all concerned vigilance must become your middle name and ruthlessness your shield.

For use in the elimination of weeds from the rock garden the perfect instrument is an iron kitchen fork—or rather two kitchen forks, one long and one short. With the long one you may thrust down under the stones and gouge out long-rooted troublemakers. With it also you may go to the relief of some plant caught in the merciless grip of white Clover, driving it under the sturdy crown and drawing it forth with all its white tentacles writhing and no harm done to the suffering host. With the little one you may outwit such small miscreants as chickweed, working over the fragrant mats of white Thyme or creeping Veronica until every vestige is finally extracted and the plant quite free of its wily enemy.

It should be said here that the tools used in the rock garden are not by any means as other tools. Secure a broad, flat basket and place in it the following articles:

1 long iron kitchen fork for weeding
1 short iron kitchen fork for weeding
1 slim-jim trowel for planting small bulbs
1 very small mason's trowel for transplanting seedlings
1 larger mason's trowel for moving larger plants
1 pr. long, strong shears for clipping plants
1 pr. scissors for snipping seeds and faded blossoms
1 whisk broom for clearing out litter from among plants
1 package hairpins for pegging down or layering
1 package small envelopes for gathered seeds
Wooden labels, indelible pencils, a few strawberry baskets with which to shelter newly-set plants. (Do not use inverted pots for this purpose.)

The great majority of rock plants are easy enough to please. They take with amazing coolness the change from quite other conditions to garden life if something be known of their homelife and an effort made to reproduce it. As soon as plants are ordered research should be made to find out what their greatest necessities are likely to be—what soil they live in, whether moist or dry, whether shade or sun or a little of both, whether hardy or tender, and the size of the plant when full grown—and you will then stand a good chance of making a rare new-comer a permanent ornament in your garden.

A well-filled larder is a great help. In an obscure place, and under cover if possible, should be boxes or barrels of the following comestibles: coarse sand, fine white sand, leaf-mold, good loam, peat, crushed limestone or old mortar, stone chips such as are used to top-dress roads, and a little very old manure. All of these will be required from time to time so it is well to have them handy that no suffering plant be kept waiting for relief.

THE HARDINESS OF ROCK PLANTS

Rock plants are subject to few or no ailments so far as my experience goes and few pests attack them. If a plant seems not to be thriving, try it under other conditions and it may revive, but make some effort to find out how its present surroundings differ from those to which it is accustomed.

When first you view your rock garden quite clear of any covering, quite likely you will see only loveliness and enchantment. For April is a faeirie month among the hills and dales, and before you gleam breadths of early wild Crocuses—so much more engaging than the fat Dutchies that come later—battalions of tiny Daffodils, wide gold Adonis flowers, pools of sharp Scilla-blue, Violets and Hepaticas, and Primroses peeping everywhere. All the early spring flowers are so crisp and clean and lively that it seems impossible to believe that among them aught can be amiss. Yet as we stand before the lovely scene, our winter-bound senses thawing slowly, we presently see that beneath the carnival there is trouble that requires immediate attention.

In all likelihood ragged gullies have been worn down the little steeps, soil displaced behind badly placed stones, earth washed from crevices where they have not been securely packed. All this must be repaired and reinforced against the fury of the spring freshets. It should be seen that every stone is firmly set and wedged

(*Continued on page 132*)

[BRILLIANT . . . . . DIFFUSIVE . . . . . BEAUTIFUL]



Lower sash of bedroom window is glazed with plain Tapestry Glass, mitred to decorative border. Upper sash is glazed with Tapestry Glass, mitred to decorative border and ground in satin finish mitre

Used where the maximum of light is necessary and privacy is desirable

TAPESTRY GLASS

TAPESTRY GLASS is an entirely new product. It has all the purity, clarity and strength of the finest plate glass. It admits the maximum of light in a brilliant flood. And by a special, exclusive process the surfaces of Tapestry Glass are smoothly rounded to obstruct vision. These irregular, gleaming surfaces collect light and diffuse it throughout your house. They break up all direct rays and eliminate the glaring and unpleasant reflections of ordinary glass.

Tapestry Glass has a delightful texture, not unlike fine fabric. It may be permanently and inexpensively decorated by individual patterns designed in accordance with the interior or architectural plan. These patterns may be ground, chipped or mitred upon the glass before installation. For front doors, French doors, side or fan lights and bedroom windows, mitred designs are particularly suitable, agreeing with almost any scheme of decoration. Where conditions make opacity desirable, the designs may appear in clear glass, the backgrounds being chipped or sand-blasted.

In addition to its use in residences, Tapestry Glass is suitable for churches, schools, hospitals, banks, fraternal organizations and office buildings. It adds beauty and dignity wherever used and its practical value is self-evident. Ask your architect or your glass dealer for catalog and samples. Or write to the nearest office of the Pittsburgh Plate Glass Company.

PITTSBURGH PLATE GLASS CO.

GLASS VARNISH PAINT



BEAUTIFUL BED ROOMS

BEAUTIFUL bed rooms need beautiful spreads. Often, indeed, it is the spread that gives the final touch; it is the spread that makes the entire scheme just perfect.

Dolly Madison Bed Spreads glorify any setting whether it be elaborately ornate or of extreme simplicity.

Their great variety of design and texture, their superb colorings and striking color combinations create the perfect spread for the perfect boudoir.

Typical of Dolly Madison originality and style leadership are the new combination crinkle and brocade spreads. This type of spread is shown in the above illustration—also, in detail, at the left, below.

All Dolly Madison Bed Spreads are sun- and tub-fast and of unusual durability. The spreads and decorative fabrics to match are as practical as they are attractive.

For distinctive spreads, draperies, shades, scarfs — remember this one name—Dolly Madison.

The new Dolly Madison crinkle and brocade spread is shown below. The happy combination of these two fabrics, each exquisite in itself, is really quite beyond description.



Always look for the Dolly Madison Label. No spread is genuine without it.

GEORGE ROYLE & CO., *Mfrs.*
Dept. H-4, Philadelphia

Write for booklet

Send 25c for Doll Bed Spread

DOLLY MADISON
Bed Spreads

APRIL WORK IN THE ROCK GARDEN

(*Continued from page 130*)

with earth and smaller stones, and the crevices so tightly rammed that they will not again give up the soil and so expose the roots of the plants entrusted to them.

Further scrutiny will reveal plants whose roots have washed clean of soil, and others that have arisen on their tap roots and are lying about in a most unseemly manner wholly regardless of their deportment. Others will appear depleted and unenthusiastic. For these we maintain the pick-me-up basket, a close-meshed basket filled with a reviving mixture compounded of loam, white sand, leaf-mold, a few stone chips and a dash of old mortar. This we work in among the growths of such as the mossy Saxifrages, Campanulas and others. With it we also cover the exposed roots and tuck in about any plant that appears to need it. Indeed a top dressing of this panacea over the entire rock garden in early spring is a consideration that will be amply repaid in blossoms and lovely greenery.

At this season the grey-leaved plants should be attended with special care. If the winter has alternated cold and warm, and damp has been much in evidence, they are probably in bad shape. They dislike of all things coming into contact with wet earth, and they are against moisture at any season, the humidity of summer as well as the thaws of winter. They should be given the highest and dryest of situations and a full measure of sunshine. About them the earth should be thickly strewn with stone chips. This keeps them dry and gives them heart to display their silvered beauty.

FURTHER SPRING TREATMENT

Ragged leaves should be removed from those plants which have "felt" the winter, and others that are leggy and out of trim treated to a severe clipping with the long shears. It will be found also that some plants have not hybernated in any proper sense. They have gone on growing and spreading out beneath the snug blanket until they are endangering the lives of smaller sleepers. These must be clipped back or bodily removed.

A chief cause for activity in the early spring is discovered in the bare spaces left by plants that have not come through the winter. Sometimes these are many, sometimes few, but the cause, as I have before said, is more often damp than cold. These ragged places in the garment of the rock garden may be variously patched. One may instal new plants, or divide some flourishing old ones to use in filling the gaps; or one may sow in seed of some small and attractive annual or biennial which will quickly cover the worn spot with bloom and verdure. Some useful kinds for this purpose are *Androsace coronopifolia*, *Linaria alpina* (biennials), *Gypsophila muralis*, *Asperula azurea setosa*.

Plants may be lifted and divided for patching at almost any season. The time when they are in full bloom is probably the least propitious, but with care even this may be accomplished without loss. Irises, moss Saxifrages, alpine Pinks, Primroses Aubrietias prefer division just after they have flowered. Some authorities indeed, contend that this is the best time to lift for transplanting or division all plants because at that time they are at the height of their vigor and push. Late April and May, late August and September have proved very satisfactory to me for disturbing a large number of kinds. All plants growing in tufts, rosettes and mats are easily lifted and pulled apart. Those with long tap roots are best left in peace if they are thriving.

CARE IN PLANTING

Planting at all times must be a matter for care and consideration. Many appear to think that with a thing so inconsiderable as an alpine no more is necessary than to open a slit in the earth and thrust the morsel in. This is the worst possible practice and few plants will survive it. Always a commodious hole must be dug with room at the bottom for the fragile roots to be spread out in comfort. After the first handful of soil is put in, water is added, then more earth until the excavation is full and the soil closely drawn about the neck of the plant, when a top-dressing of stone chips may be laid on as a finish. When the plant comes in a pot—and it is now possible from numerous dealers to get them thus, the ball of earth and roots must be shaken from the pot, the lower roots freed of the bits of drainage and spread out, the whole placed carefully in the excavation and the earth drawn firmly about the neck. Loose and careless planting is responsible for the loss of many a valuable rock plant. They must feel secure before they have the courage to start growth in a new home.

A convenience is a label placed beside each newly-set plant inscribed with its name, date of planting and whence it came. When the number of one's family mounts into the hundreds, the tip of the tongue becomes decidedly overcrowded and it is embarrassing not to be able to furnish the data sure to be called for by visitors.

This April care of the rock garden seems to me the pleasantest work of the whole year. Not only are rock plants so charmingly responsive to every kindness, but at every turn of the head some new delight is revealed. One may go round and round the little paths, and over and over the little hills and find each time something lovely missed before—some exquisite, fragile fern just unfolding, some jaunty bloom from a little bulb not known before, a nosegay of blue Primroses (could such a thing be?), the nose of some plant we had feared would not winter. It is a pleasure to go with a bent back at this season—at least in the rock garden—for while weeding and feeding, patching and filling up crevices, we are enjoying at every step revelations of freshness and beauty, gaiety and fragrance.





Residence of D. F. Zimmerman,
Barton Hills, Ann Arbor, Mich.
Louis Boynton, Architect



CRITTALL

Steel Casements

Owners of fine country homes select Crittall Steel Casements as much for their practical advantages as for their exceptional beauty. They afford the maximum of light, ventilation and convenience and when properly installed are guaranteed wind and weather-proof. Crittall Casements are made to varied sizes to meet special needs or may be secured in standard sizes with attractive bronze hardware.

Windows of Merit — Crittalls — the Copper Bearing Steel

CRITTALL CASEMENT WINDOW COMPANY, *Manufacturers*
10963 HEARN AVENUE, DETROIT, MICHIGAN

Ahrenfeldt China — France



To those with a true sense of the artistic, Ahrenfeldt China is a joyous revelation. More than merely a beautiful accessory of the home, this famous French china is veritably a masterpiece of ceramic art.

"RENAISSANCE" DINNER SERVICE

A Renaissance period design in harmonious blending of golden brown, black, green, and blue, with rich gilding.

Obtainable wherever fine china is sold.

Ahrenfeldt China

"The Aristocrat of French China"



In the home of Mrs. Henry P. Curtiss at Ashfield, Mass., a cream colored candlewick bedspread makes an effective covering for an old spool bed

BEDSPREADS *of* COLORFUL VARIETY

(Continued from page 87)

rich stuffs, this article of furniture should be sufficiently interesting to inspire the decoration of the entire room. Next, there should be no economy in the matter of mattress and springs, and, finally, the spread should equal in importance and beauty the rest of the furnishings.

Fortunately for our aesthetic sense, the plain white bedspread of piqué or elaborate lace is a thing of the past. In its stead have come graceful spreads of taffeta, poplin, moire, sateen, brocade, chintz, linen, organdie or net, in plain effects and in colorful combinations to accord with the scheme of the room. Compare a taffeta spread in some soft shade trimmed with contrasting pipings or pleated ruffles, or a crisp affair of yellow organdie edged with flutings, with the heavy white spreads of a decade ago and be thankful for this bit of progress. Certain white spreads—the unbleached muslin variety with their quaint candlewick designs, or spreads of ruffled dotted Swiss—are permissible on a Colonial type of bed, but even here a bit of color would add interest to the room without detracting from its old-world atmosphere.

A four-poster bed offers the greatest problem in the matter of drapery. There are numerous ways of dressing a bed of this type, one of the most successful of which is shown on page 86 This is an old spool bed that has been exceptionally well treated. Here the spread, pillow sham, side curtain valance and tester are of an old-fashioned printed material, colorful and quaint in design to accord with the bed. The hanging behind the head board is of sateen in a color to harmonize with the dominant shade in the draperies. If preferred, a bed of this character might have draperies of old fashioned white dotted muslin trimmed with cotton ball fringe or with rick rack braid. Very effective was a prairie top bed hung in this manner in a room with a colorful scenic wall paper. Or if a combination of materials is desired, the spread may be of figured chintz or toile de Jouy and the tester and valance of muslin or sateen in a plain color.

For simple Colonial maple or mahogany beds, dotted Swiss or organdie makes delightful, cool looking spreads. These should be lined with white muslin and made with pleated or gathered ruffles picoted at the edges. Dotted Swiss may be trimmed with narrow ribbon or rick-rack braid. Yellow organdie is charming on maple beds in connection with curtains of a Water Lily glazed chintz in green, yellow and white. And with slip covers of a red blue and white Morning Glory chintz dotted Swiss in white with red dots might be used for curtains and spreads.

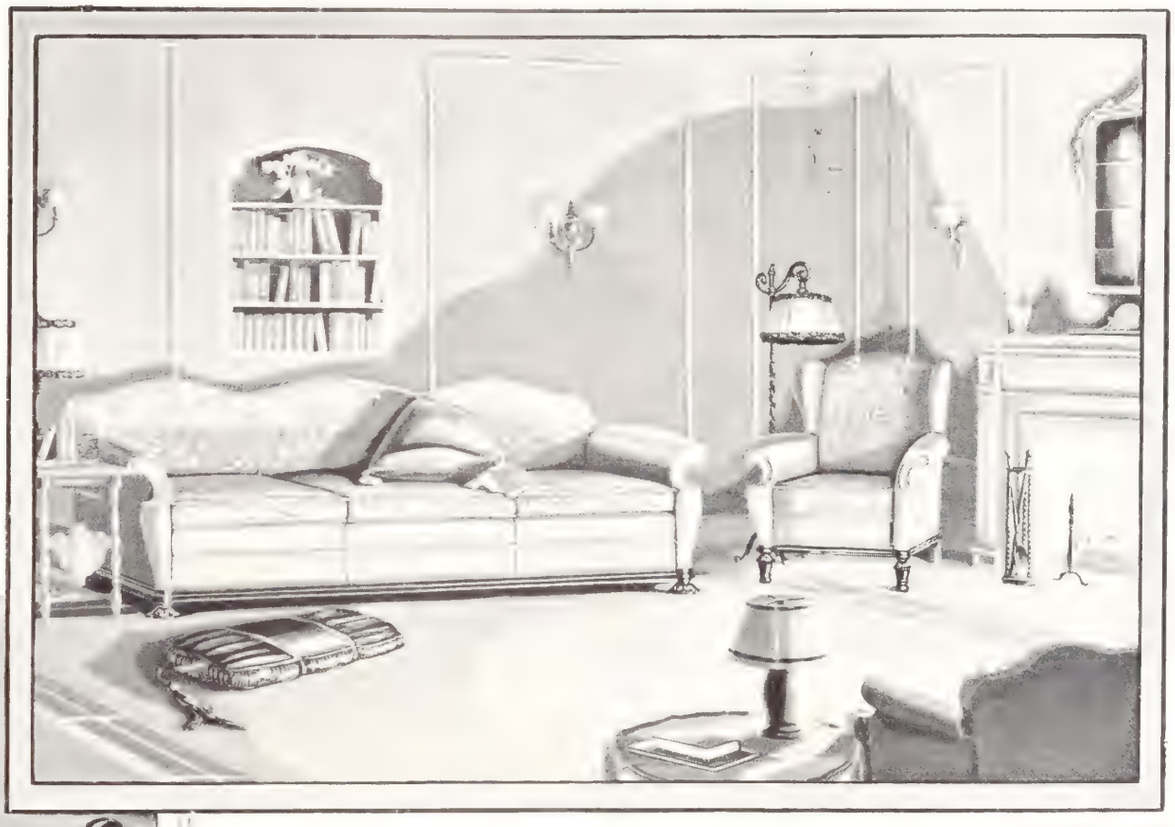
On painted beds it is advisable to use a plain spread of taffeta or sateen, scalloped and bound in a contrasting

(Continued on page 138)



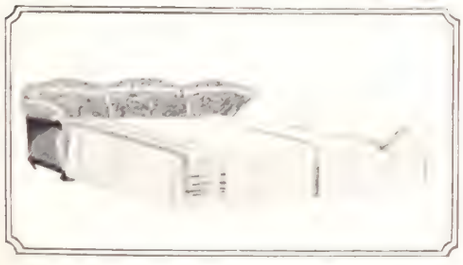
A reproduction of an old woven coverlet in blue and white, suitable for a Colonial type of bed. From Laura Copenhaver

PULLMAN
DAVENPORT BED



Suite No. 1916





For the use of the occasional guest or as an every night sleeping accommodation, the Pullman is peculiarly adaptable. It offers the comfort and restfulness of an ordinary full size bed, made possible by a regular bed spring and mattress.

Pullman Living Room Furniture

Unusual beauty, comfort and utility unite to make the Pullman davenport-bed the most important of all the furnishings in the living room.

The Pullman is beautiful in appearance and of authentic design. An observer would never know it contained a bed, which by a simple operation is converted into an "extra bedroom".

All Pullmans may be purchased either with or without the bed fixture and with comfortable chairs to match. Your local furniture dealer will take pride in showing you his extensive line of Pullman day beds, chaise lounges and hand decorated pieces in various color combinations and in a wide assortment of covers. The Pullman line includes also, desks, consoles, gate leg, tilt top and davenport tables, book troughs, magazines racks and ferneries.

We shall be glad to send at your request an interesting booklet on interior decoration

PULLMAN COUCH COMPANY

CHICAGO Pullman DAVENPORT BED "Comfort" ILLINOIS



For your new home—*see that your architect specifies this kind of flooring*

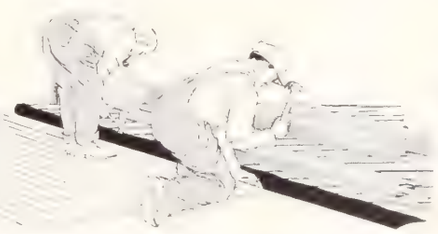
Your floors are really the foundation of room decoration, enhancing the beauty of furniture and hangings. Harmonious color treatment of the room as a whole is now made possible with the new modern finishes, which may be selected to suit individual taste.

Imagine the dignity of a library paneled in oak, with Perfection Oak Flooring in "weathered" finish, the harmony of a dining room in tones of blue and gray, with darker gray Perfection Flooring, or the charm of an enclosed sun-porch, with floor finished in forest green, light and cheery—a bit of outdoors brought into the home. The opportunity for choice is infinite. Once Perfection is laid, your flooring problem is solved. A Perfection Floor will last as long as the house itself, and remain the beautiful, serviceable foundation of the room as long as there are feet to walk on it. Ask your architect or contractor about Perfection Oak Flooring. Write for interesting booklet, "The Overlooked Beauty Spots in the Home." It is mailed free for the asking.

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PINE BLUFF, ARKANSAS



"PERFECTION"
BRAND OAK FLOORING



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Reg. U. S. Pat. Off.



The secret of drapery beauty



YOU spend anxious thought and valuable time in arranging your curtains and draperies. You want them to keep the beauty you put into them—and they will when you hang them on Bluebird rods. Bluebird flat, extending curtain rods do not sag. They are made with the patented Bluebird stiffening ribs, an exclusive Bluebird feature that prevents sagging rods and wrinkled curtains. Another Bluebird feature is the can't-fall hook-hanger, which makes sure that no accidental jerk or pull will disarrange your curtains. Single, double, and triple rod styles in Bluebirds give you a choice of many beautiful curtain effects. Ask at your dealer's for Bluebird rods, either in rustless satin brass or beautiful white enamel, in sizes that extend to fit any window.

H. L. JUDD COMPANY
87 Chambers Street, New York, N. Y.



The Bluebird can't-fall hook-hanger makes Bluebirds so simple and easy to put up, and they stay up until you want them down.



The patented stiffening ribs, found only in Bluebird curtain rods. This exclusive Bluebird feature is the greatest advance in curtain rod construction in recent years. Yet Bluebird rods cost no more than ordinary curtain rods.

"Bluebird" Curtain Rods
Flat, Extending, Rustless, Sagless

"Warm in Winter - Cool in Summer"

Mr. F. C. Overton, owner of this Quilt-insulated house in Keokuk, writes us that the "building is very warm and can observe a considerable decrease in the use of fuel, and last Summer, as hot as it was, the house was the coolest in the neighborhood."



Cabot's Heat-Insulating "Quilt"

costs very little for the average house, and it saves that cost over and over again by saving heat. Without insulation the heat escapes. You can see it melting snow on your roof in freezing weather. Quilt stops this. It holds the heat in and keeps it working, just like a fireless cooker.

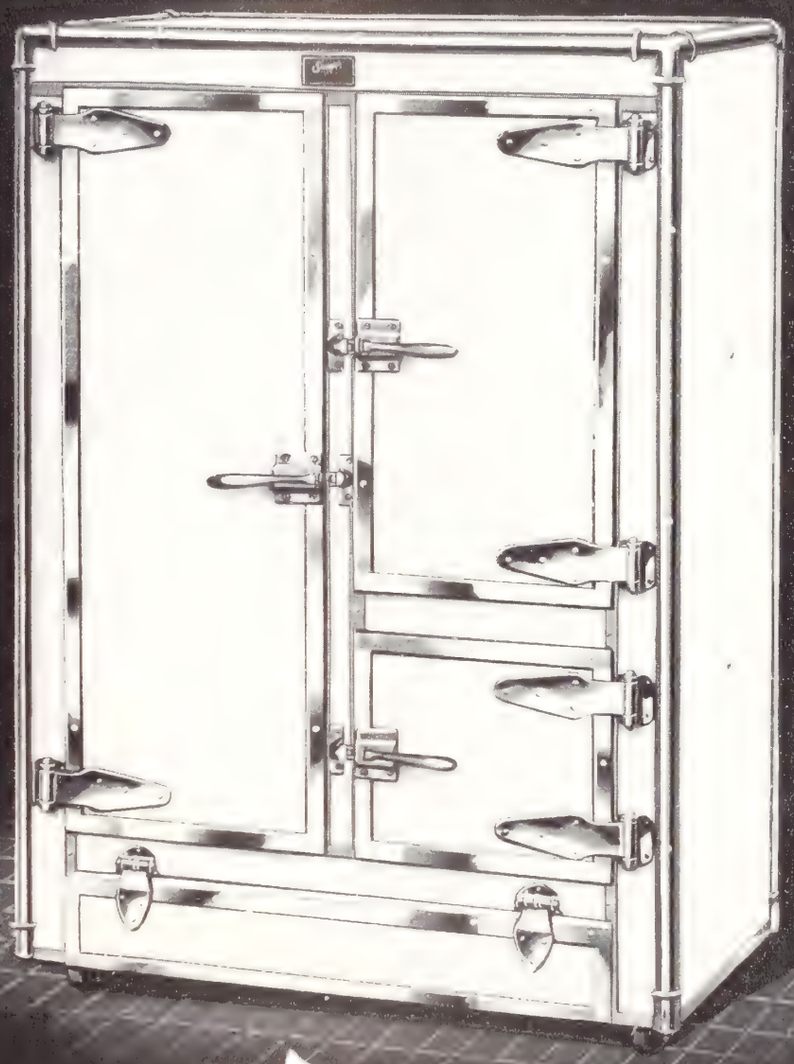
Send for a free sample of Quilt and let it help pay for the house



SAMUEL CABOT, INC.
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342 Madison Avenue, New York
5000 Bloomingdale Ave., Chicago

Cabot's Creosote Stains, Stucco Stains, Old Virginia White, Double White, etc.



Seeger

Original Siphon Refrigerators

are generally accepted as the

Standard of the American Home

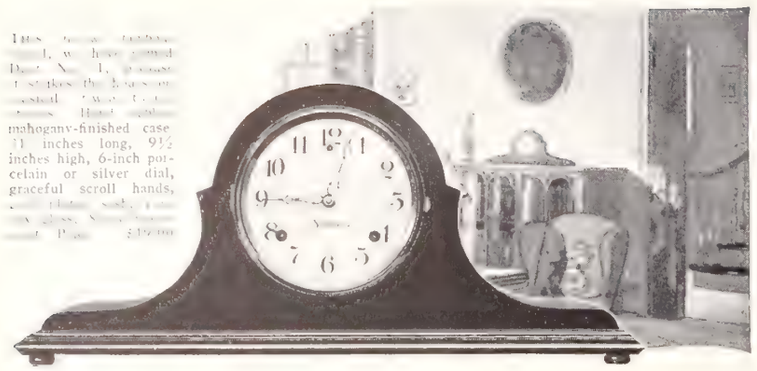
As good a refrigerator as the Seeger is worthy of electrical refrigeration.
Equally efficient with ice.

Representative Dealers in all Cities

SEEGER REFRIGERATOR CO.

SAINT PAUL NEW YORK BOSTON
CHICAGO LOS ANGELES





This [illegible] model, we have named Desk No. 1, possesses [illegible] mahogany-finished case 11 inches long, 9½ inches high, 6-inch porcelain or silver dial, graceful scroll hands, [illegible] Price $19.00

Sessions Clocks
tell dependable time

WHATEVER else a clock may be, it is not worth much in American homes unless it is dependable. We Americans have so many trains to catch, so many business and social engagements, that the only clocks that we want around are dependable clocks.

Wide choice of artistic designs

BEING certain of dependability in our clock, the next thing we look for is beauty, a handsome and artistic design. Sessions Clocks offer you a wide variety of models, including tambours, banjos, colonial, and desk and dresser clocks, suitable for every room in the home; in solid mahogany and mahogany-finished cases; handsome, artistic, beautifully finished. It is amazing how much life a clock adds to a room.

Prices always reasonable

IN ADDITION to dependability and in addition to beauty, Sessions Clocks offer you reasonable prices. Economies in cost, made possible by large production, coupled with high standards of service, do wonders for Sessions Clocks in the way of prices. A Sessions Clock is always good value, based on a century of clock making.

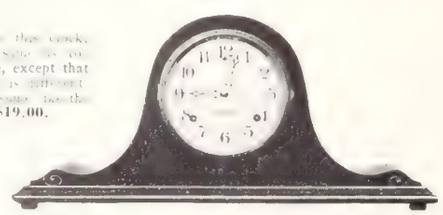
Mellow chimes; prolonged tones

AN EXCLUSIVE feature is the new Sessions chiming mechanism (patent applied for), which includes a chime stand of unique construction, producing, from the supported chime rods of special analysis, mellow floating tones, indescribably sweet, that hang upon the air for a prolonged period of time; a delight to the ear.

Send for a copy of our newest book

You will find Sessions Clocks at stores noted for their good values. Meanwhile send for a free copy of our book, "Friendly Clocks."

This [illegible] model, Desk No. 2, is the same as the clock shown above, except that [illegible] is different [illegible] Price $49.00.



THE SESSIONS CLOCK CO., Dept. A 2, Forestville, Conn.
New York: 1750 Woolworth Bldg.
Chicago: 5 North Wabash Avenue

SEND THIS COUPON

Sessions Clocks
DEPENDABLE TIME

SESSIONS CLOCK CO., Dept. A2, Forestville, Conn.
Please send me "Friendly Clocks" booklet with interesting story of clock making and pictures and prices of thirty-two clocks and candlesticks, suitable for various rooms in my home.
Name
Address
City State



Bedspreads of the type above with contrasting plain and crinkled stripes come in blue, mauve, gold and rose as well as plain cream color. From McGibbon

BEDSPREADS *of* COLORFUL VARIETY

(Continued from page 134)

color, or trimmed with pleated ruffles or cordings in a different shade.

A very smart taffeta spread is shown at the bottom of page 86. This is blue sunfast taffeta quilted in silver and trimmed with shell pink pleatings picoted in silver. The sham is of plain taffeta, also trimmed with pleatings. About six and one half yards of fifty inch material are required for a spread of this character on a single bed, two and one half yards of one width for the top portion and the rest for an eighteen inch valance. For the two inch pleatings allow two and one half yards. For a double bed two widths are needed for the top portion in place of one. The separate sham requires one and one half yards.

For a French bed a delicate brocade may be used for the spread and canopy. A bed of this character is also shown on page 86. Here the spread is old brocade in soft yellows made very simply on account of the interest of the material. There is no trimming, the side portion simply seamed to the top. For a simple spread of this type with an eighteen inch valance, one width of fifty inch material is needed for the top portion. Measure the length of the bed and allow at least nine inches for the section that tucks in at the bottom and three-quarters of a yard for the portion that folds over the pillow if the spread is in one piece. If the sham is separate, one and one-half yards more are needed. For a valance, measure the bed all around and cut the material in eighteen inch strips and allow half again as much if the flounce is to be shirred. For a single bed with a foot board, about six yards are required for the spread and eighteen inch valance, with a yard and a half more for the sham. A double bed requires one width more of material for the top portion.

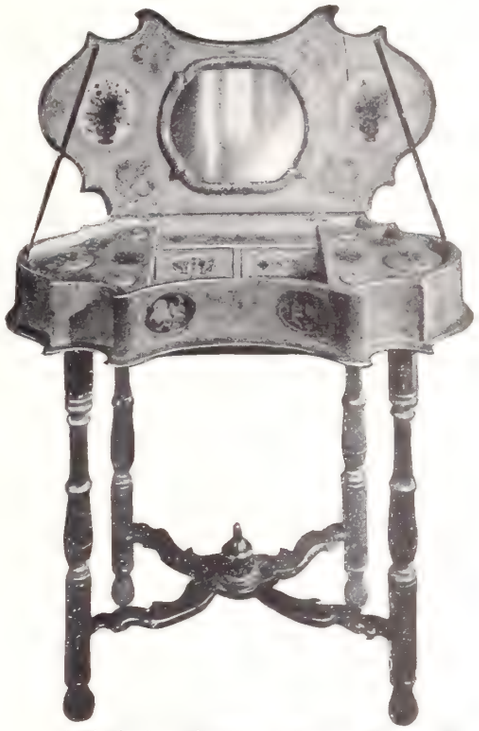
If you are so unfortunate as to possess an ugly wooden or iron bed, or worse still, a brass one, cover the head and foot boards with well-fitting glazed chintz covers and use a plain or striped linen for bedspreads. An excellent solution for an ugly bed is shown on page 86. Here the head board is covered in glazed chintz and the spread is made of striped linen trimmed with ribbon.

Another interesting treatment for a bed, featuring glazed chintz, is shown in the picture at the bottom of page 87. Here the head board and valance are of pink and white lattice glazed chintz bound and edged with pink taffeta. The spread is of brown taffeta with a binding of pink taffeta.

For the woman who has not the time to struggle with the problem of having a bedspread made, there are excellent ready-made spreads available at moderate prices. One type is shown at the top of this page. This has alternating plain and crinkled stripes, comes in such useful colors as cream, blue, rose, mauve and gold, in cotton and a combination of cotton and silk. It is a wise choice for both city and country houses as it is sunfast and washable.

Next in interest come the candlewick spreads suitable for Colonial beds. These can be had in all-cream color or with the candlewick design in a contrasting shade.

A revival of interest in weaving has resulted in some interesting reproductions of old woven coverlets. These come in medium and dark blue designs on an oyster white ground. They make excellent spreads for maple beds.



18th Century Venetian dressing table with its original fitments complete. Rose carved, yellow gold with green medallions. Original state. Unrestored

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Interior Decorations
Antique Furniture
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Genuine Reed Furniture



ONE OF OUR EXCEPTIONAL OFFERINGS

A Remarkable Value—Unusual Charm and Luxurious Comfort. This **Four-Piece Suite** finished in any color desired with Seat Cushions covered in Imported Cretonne to harmonize.

Complete for $227.50

Pieces may be purchased separately if desired

Our Reputation for Reed Furniture of the Highest Quality is widely known. Personal Service in securing just the Design and Coloring that appeal to your individual taste.

HAND EMBROIDERED KASHMIR RUGS

New Shipment just received in both Dark and Light Grounds —Elaborate Designs in Rich Colorings — From $35 upward

Specialists in Sun-Parlor Furnishings

The REED SHOP, Inc.

Imported Decorative Fabrics

13 EAST 53d STREET, NEW YORK
Catalogue of Reed Furniture sent for 25c.



AN INTERESTING REPRODUCTION OF AN OLD ENGLISH SILVER SCONCE

CASSIDY COMPANY

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Designers and Manufacturers of Lighting Fixtures

Since 1867

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NEW YORK CITY

"feed your food FRESHENED AIR"

CHILLED! The air is kept evenly chilled
CLEAN! The air is kept sweet and clean
DRY! The air is kept perfectly dry



Pure, Sweet Milk kept Fresh and Cool



BABY'S health and happiness depend on pure, wholesome milk kept fresh. Mother trusts her Automatic! Butter, eggs, all other foods, fresh and appetizing even on the hottest days. Cold, clean air constantly circulates, and is purified by contact with the ice. The built-in water tank, an *exclusive* feature, assures pure, chilled drinking water. A Double Duty Refrigerator—preserves food, chills water, yet saves ice! Oversize construction everywhere. Hand-finished in golden ash or pure white, lined in porcelain or enameled seamless steel, with rounded corners—no joints or crevices. Hand-fitted doors, tight-closing locks. Outside icing if desired. Write for the name of your dealer. He'll help you choose the right size.





Sanitary Trap

In ice chamber away from foods. Easy to clean—can't clog—air-tight. Saves ice.

Write for our folder giving full details. Address Dept. 14

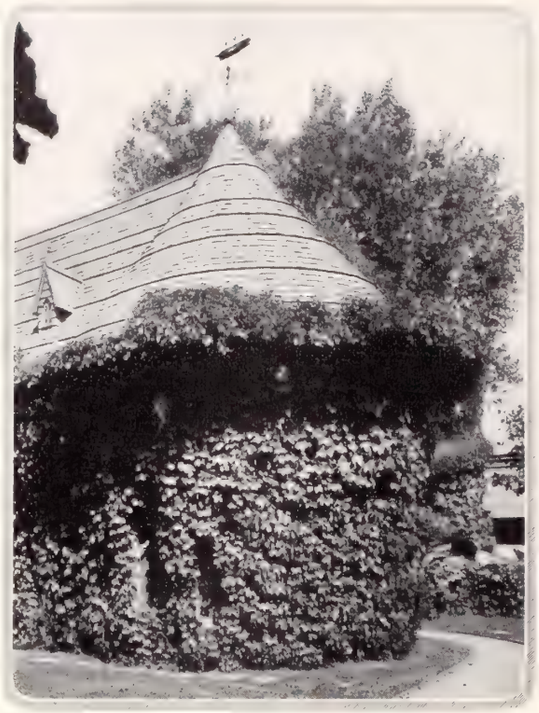
Illinois Refrigerator Co.
MORRISON, ILLINOIS



The Automatic Scientific Air Circulation Keeps Milk, Butter and Eggs Fresh!

The AUTOMATIC
DOUBLE DUTY REFRIGERATOR
saves food chills water
MORRISON ILLINOIS
USES LESS ICE

Watch for your dealer's "Automatic Spring Demonstration" in April! Dealers—If you want to increase your refrigerator business write us!



In laying, shingles are sometimes doubled up at intervals. The double thickness at the butt, or lower edge of the shingle course, stripes the roof horizontally and adds interest to the slope

SOME NOTES ON WOOD SHINGLES

(Continued from page 80)

witches cottage in *Hansel and Gretel*.

As for coloring instead of nature's weathering, the stained shingle is much in use. If it is decided upon, the stain should be looked into regarding color permanence and its fire retarding and preservative qualities. A moderate degree of fading is of great value in toning down and softening overstrong colors. Strong sharp colors in shingle stain, however, should never be indulged in. In using stained shingles one decides whether to buy them mill dipped, or to do the coloring at the job. If the stain is also a wood preservative, it is desirable to have the entire shingle dipped, and not just the exposed lower portion.

There are many mill-colored shingles on the market dipped just from the kiln, when driest, and in condition to absorb the stain most fully. These ready-dipped shingles come in stock shades, and can also be furnished colored to specially prepared samples.

It is very important when shingle stains are being considered on the basis of the manufacturer's samples, that it be understood upon which of the shingle woods the samples have been prepared. The identical stain will vary considerably in color on White Cedar, Red Cedar, Cypress and Redwood.

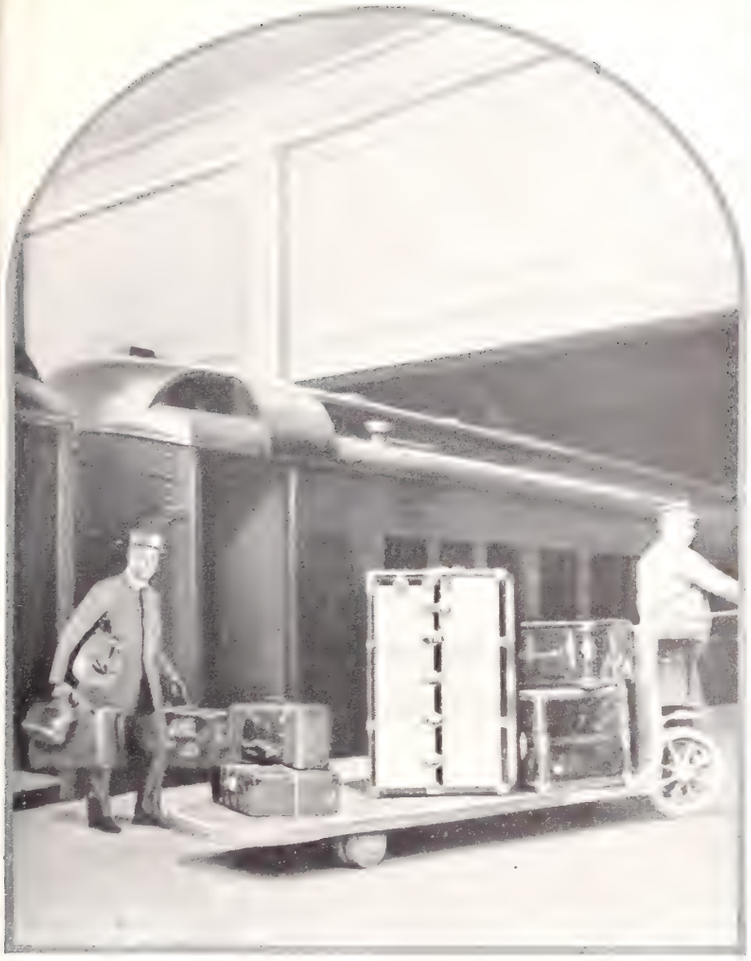
The graduating of color from eaves to ridge is practicable, but if attempted should be handled skillfully. Deeper at the eaves and the lighter color is brought in finally at the ridge.

From the standpoint of appearance, the best results in shingle coloring are secured by dipping at the job, using five or six shades for an expansive roof slope and dividing the shingles up in corresponding lots for dipping in the various stains.

Successfully intermingling these differently colored shingles requires patience and a good eye for color shading. If the shingles are laid so that the color changes in hard lines, the result is unpleasing. The shades have to mingle gradually—which means lighter and darker shingles have to be carried back and forth into each other's bailiwick. Above all things an approach toward regular spotting with contrasting color has to be avoided. The roof so treated appears to be suffering from an attack of hives.

Why should the wood shingle roof be chosen at all, in preference to slate or tile? More moderate cost, habit, and the sightliness of the wood shingle further its constant and widespread use. If the house is of frame and clapboard, many of us feel that the wood roof is in better accord than the much weightier slate or tile. If the house walls are of stucco, brick or stone, the shingle roof is just as appropriate and quite in accordance with our use and wont.

The shingle roof is not as durable as slate or tile, and is moreover a burnable material. Edge grain Cedar, Cypress or Redwood however is not so easily ignited from the upper surface as one might imagine. The edge grain material lies flat, and with the close narrow grain presented to the possible spark, ignition will take place comparatively slowly. Accepting this moderate fire danger of a roof of burnable material, shingles offer a large measure of durability. Properly laid, colored or uncolored, and weathered by time, they provide a tasteful and pleasing roof surface.



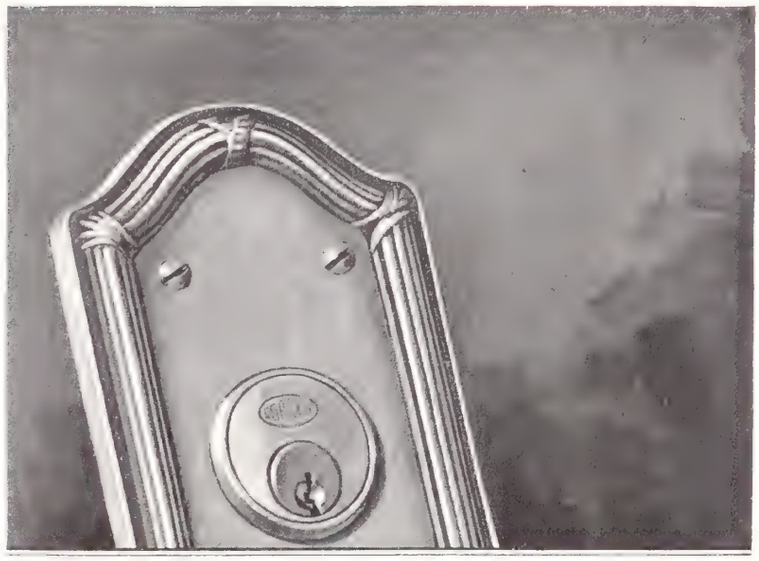
Yes, Oshkosh Trunks are expensive. They are so expensive—and so strong and so safe—that you cannot afford to pack good clothes in anything else.

An attractive booklet describing Oshkosh Trunks will be sent you on request to 451 High Street, Oshkosh, Wisconsin.

THE OSHKOSH TRUNK COMPANY
Oshkosh, Wisconsin, and New York City

OSHKOSH





Good Buildings Deserve Good Hardware



It locks as well as it looks

CERTAINLY, good doors deserve locks that are their equals in beauty. But beauty in a lock is without honor, save when it encases a mechanism of staunch security.

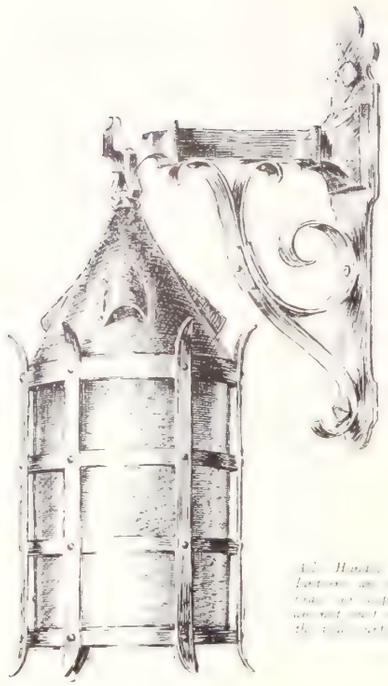
The elegant simplicity, the chaste accuracy, of the Navarre design unmistakably mark it a member of the Corbin family. But in bearing the Corbin name, it tells you that it locks as well as it looks.

Corbin locks have long since proved their excellence by a life-time of service. In great office and public buildings, homes, churches, schools, hotels, stores and factories you will find locks of Good Hardware—Corbin.

To be assured of permanent protection as well as perfect decoration, see that Corbin is on the face of every lock you buy. Good Hardware—Corbin—is a joy to live with.

The story of "Good Buildings Deserve Good Hardware" includes suggestions for modern locks. Would you like to see it? Send for it.

P. & F. CORBIN since 1849 NEW BRITAIN CONNECTICUT
The American Hardware Corporation, Successor
New York Chicago Philadelphia



A Handel outside lantern in the style of those in coffee and ale houses of Colonial days

Reviving the art of long ago

In HOME decoration, moderns have found it difficult to improve upon the simple lines and craftsmanship of the masters of bygone days.

Handel has revived the best of the old-time lamp and lantern maker's art and modernized the designs and finish to comport with the lighting requirements of homes of today.

The Handel Wall-Lantern pictured is an adaptation of the old hand-wrought "night-watch" lanterns of a century ago. With Handel skill and expert workmanship these lanterns are products of beauty and durability.

The Handel dealer nearest you will supply Handel Lamps and Lanterns for outdoor and indoor use in a wide variety of styles and finishes. Ask him to let you inspect his portfolio of Handel designs.

THE HANDEL COMPANY, Meriden Conn.

HANDEL *Lanterns*



If you are building a home or contemplate building, and your dealer is unable to show you a complete line of Handel Lanterns, it will be to your advantage to send your blue-prints to The Handel Company for suggestions and prices on fixtures.

COLOR SCHEMES FROM OUT-OF-DOORS

FOR A LILAC BED ROOM

(*Continued from page 66*)

soft gray-green with oval gilt mirror above it. One chair upholstered in the cretonne, another in a striped mercerized fabric in two shades of blue. Small slipper chest in yellow sateen. Louis XVI walnut chest of drawers.

Floors: Painted deep violet with gray-green rug.

Accessories: Mauve pottery lamps with shades of pleated yellow book linen. Silver candlestick lamps on dressing table with yellow chiffon shades trimmed with narrow mauve ribbon. Dull silver lighting fixtures. Tin urns on mantlepiece painted cream and green, filled with lilacs. Violet glass bottles on dressing table. Flower prints with narrow gray-green frames.

FOR A TULIP ROOM

(*Continued from page 66*)

of pale yellow gauze.

Furniture: One overstuffed sofa in tête de nègre antique satin with needlepoint cushions. Two Louis XVI armchairs with walnut frames and upholstery in violet damask or antique satin. One small overstuffed chair with a slip cover of chintz made with a box pleated ruffle bound in the same manner as the curtains. Small 18th Century settee with mahogany frame upholstered in antique gold stripe. Straight chairs and small tables in walnut. Secretary desk in soft green lacquer with books in top. Desk chair in black and gold.

Rug: Wilton or chenille in egg plant color.

Accessories: Side lights of crystal with amethyst drops. Lamps, cream colored pottery or alabaster urns with shades of pleated yellow glazed chintz bound in violet or yellow chiffon shades. Mirrors with dull gold frames. 18th Century colored prints framed in black glass mats with gold lines.

FOR AN EARLY AMERICAN DINING ROOM

(*Continued from page 66*)

back in green and purple. Console table or narrow side table.

Floor: Very dark brown with deep plum colored rug.

Accessories: Lighting fixtures of pewter or painted tin. On the side table a pair of glass Dolphin candlesticks with shades made of Italian paper in which there is a design of ships. Over the mantel a print in color of a clipper ship or map framed in lacquer red. On the mantel a pair of Sheffield or pewter candlesticks and a row of pink and white plates or a pair of purple glass flower bowls. Old samplers and silhouettes framed in black and gold. On the shelves of the dresser pewter and old china. Hanging shelves in maple holding old glass, Staffordshire figurines and pewter.

FOR A NARCISSUS BED ROOM

(*Continued from page 66*)

Chaise longue in deep rose taffeta. Small book table next to the bed painted pale green with blue-green lines. Dressing table hung in white organdie made with scalloped flounces edged with narrow flutings of apple green or trimmed with French ribbon in this color. Duncan Phyfe mahogany table desk. Desk chair in blue-green and gold. One overstuffed chair upholstered in the chintz. Slipper chair in pale blue sateen. Floor is entirely carpeted with sand colored rug.

Accessories: Lamp on bedside table of Staffordshire pottery figurine or wooden urn painted cream with red lines, with yellow chiffon shade lined with pink and trimmed with rose red cordings. Slender glass candlestick lamps on dressing table with stretched shell pink taffeta shades trimmed with apple green ribbon. Green bottles on dressing table. Godey fashion prints framed in narrow wood frames painted apple green.

FOR A ROSE MORNING ROOM

(*Continued from page 66*)

color with green silk cushions. Arm chair in blue green damask. One in old gold silk and one in chintz. Small chair in copper damask or old needlepoint. Mahogany table with lyre shaped pedestals. Mahogany secretary. Some straight chairs painted soft green. Pair of painted console tables in green. Mahogany or walnut chest of drawers.

Floor: Stained dark green with taupe colored rug.

Accessories: Flower painting over mantel. Hanging shelves in mahogany filled with pink and white china and Staffordshire figurines. Lamp on large table of blue and white Chinese porcelain with pinkish copper colored shade. Slender wooden column lamps on console tables painted green and gold, with shades made of figured Italian paper in soft colors. Hooked rug in front of fireplace and before sofa. Needlepoint footstool. Pair of pink Venetian glass jars on mantel filled with white flowers. Row of white porcelain figurines between, or white china trees.

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Hand Made Furniture

THE beautiful proportions, the rich, mellow tones, the faithful adherence to historic styles constitute an enduring charm which only master craftsmen can create.

Yet, due to unique production methods, the cost of this furniture is by no means high. If your dealer does not handle it, write us and we will see that you are served satisfactorily.

FRENCH TRADE MARK MINNEAPOLIS

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WM. A. FRENCH & CO.

Interior Decorators 90 Eighth St. S.

Makers of Fine Furniture MINNEAPOLIS, MINN.



The Cranford Table *is constructed of the finest walnut with the top composed of four matched sections of beautifully grained walnut burl, and the entire front and apron veneered with this same finely figured wood. The graceful cabriole legs terminating in the vigorously carved ball and claw feet, together with the brass hardware and the general contour of this table, identify it with the later Queen Anne period.*



American Walnut
Is a "luxury" wood, yet practical and not expensive

PERHAPS no other fine cabinet wood combines such luxurious qualities as American Walnut with such practical values as American Walnut.

Many of the pieces of furniture of historical beauty, made centuries ago by the greatest old world masters, are of walnut.

It is this age-long durability of walnut that is perhaps one of its greatest virtues. Yet many see only its exquisite natural colors, its infinitely varied patterns and designs, its responsiveness to the artistic genius of the designer.

Many value it because it is easiest to keep looking well. For properly finished, walnut lasts for generations and needs a minimum of attention.

American Walnut shows the scars of hard usage less than other woods because its color is natural, grown in the fibre, and it will not show surface staining.

Walnut is not only the premier furniture wood today but it is in ever growing vogue for trim, floors, panelling, doors, etc. It is essentially a luxury wood because of its fineness and high qualities, yet it is not expensive.

AMERICAN WALNUT

Our book, "The Story of American Walnut," has a vast amount of reliable information about this fine wood.

AMERICAN WALNUT MANUFACTURERS' ASSOCIATION
Room 908, 616 South Michigan Avenue, Chicago, Illinois

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METAL
Radiator Furniture



EVERY home owner enthuses over the beauty of SLYKER Radiator Furniture. But attractiveness is only one admired feature. It also prevents the costly soiling of delicate draperies and walls, and keeps heated air moist, comfortable, healthful. A patented humidifier under top serves this double purpose. Your radiators are entirely concealed in artistic cabinets, without loss of heating efficiency. Made entirely of Furniture Steel, finished in six coats of oil enamel, baked on. You have choice of three styles. Cane Grille is pictured. Finishes in shades of Mahogany, Walnut, Ivory or White—to harmonize with your room decorations. Converts radiators into useful seats or consoles.

Write us for name of nearest dealer where samples may be seen. We will send you descriptive book, in colors, upon request.

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Children's Precious Health

How to protect it from a danger often unsuspected

THE immaculately clean white bathroom does more to protect health than any other room in the house. Yet in the bathroom there is often an unseen and unsuspected danger to the health of the family and especially to the health of children. This danger is in the toilet seat.

Suppose the toilet seat is an old one, possibly oak or mahogany, with the finish worn off through years of service. Despite the care you take of it, the bare wood, being porous, quickly absorbs liquids and odors. The bathroom is usually warm. Moisture and warmth are ideal conditions for germs and bacteria. They thrive and multiply. Quite unsuspected by anyone, the toilet seat becomes a menace to health.

As children use the bathroom oftener than adults, and as their short stature compels them to breathe close to the toilet seat, it is especially dangerous for them.

Now Science offers a new seat —clean, white, sanitary

IT IS a simple matter to remove this danger. With the help of every means that sanitary science could offer a seat has been designed which is sheathed in an immaculately white seamless covering that closely resembles ivory, and that cannot become contaminated. It is not porous and will not absorb moisture or odors. It won't crack or discolor or wear off. With soap and water you can wash it as easily as you wash a porcelain dish and keep it sweet and clean. It offers no opportunity whatever for germs to breed. It is safe, sanitary, a guardian of health. It's durability has been proved in thousands of homes, hospitals and famous hotels.

Fits any bowl—easy to put on

CHURCH Seats fit any toilet bowl. The only tool needed to take off the old seat and put on the new one is a pair of pliers. It takes only a few minutes. You don't even have to call in a plumber to do it unless you prefer. If you rent a home or apartment, you can take the seat with you when you move. You can buy a Church Seat at any plumber's.

Aside from its sanitary qualities, the Church Seat is a handsome fixture and will add to the beauty of any bathroom. Guests always appreciate clean toilet fixtures.

Send for this free sample

NO ONE can be sure what germs an old toilet seat may harbor. Don't take a chance. Get rid of the danger.

Without expense or obligation to you, let us send you a free sample of Sani-white Sheathing and a free circular of various models. Use coupon below. Write your name and address plainly. Mail today to C. F. Church Mfg. Co., Dept., A2, Holyoke, Mass.

C. F. CHURCH MFG. CO., Dept., A2, Holyoke, Mass.
Gentlemen: Please send a free sample of Sani-white Sheathing and free descriptive folder to:

Name .....

Street .....

City ..... *State* .....



No Place Like Home

AND above all, none like your own. Be it large or small it is inspiration and sanctuary in one—the foundation of contentment and the temple of happiness. So build yours now—to enjoy springtime and summer starlight on your own door step.

Arkansas Soft Pine

is ready to help. A rugged wood for the house structure—a beautiful woodwork for the homelike interior. Endowed by old Mother Nature with many physical advantages peculiar to itself; produced in abundance and readily obtainable, it puts your home of dreams-come-true within easy reach of your purse and answers every requisite of exacting taste in interior decoration.

Plans? Yes! Samples? Yes! Why is it so good? Yes! Home designs and finished effects that will be a revelation in beauty combined with economy. Also helpful hints on how to build. All yours for the asking. Write now, while you feel the urge.

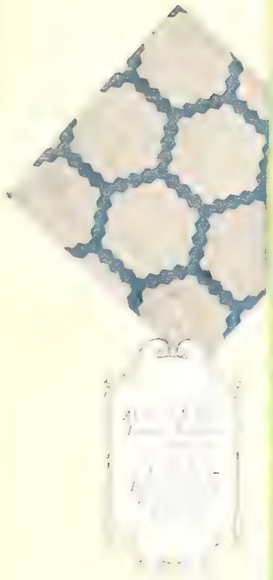
Arkansas Soft Pine is a trade marked wood sold by dealers and planing mills east of the Rockies

Arkansas Soft Pine Bureau

474 Boyle Building • Little Rock, Arkansas







A Miracle in Home Beautifying

SUCH a glowing color scheme—such complete unity! Notice how ingeniously the furnishings, although of several types and periods, have been brought into harmony by adequate wall treatment and, particularly, by the cool, quiet dignity of the flooring.

Permanent, noiseless, rich in texture and vibrant with color, Belflor is opening the eyes of many women to new possibilities in decorating their homes.

Equally notable are the wearing qualities of this new Nairn flooring. *Belflor* is made of the same sturdy materials as the other Nairn Inlaid Linoleums which have been recommended by the best stores for more than two generations.

Not only does *Belflor* Inlaid cost less than cheerless hardwood, but it's less trouble and cheaper to maintain. It provides a most luxurious background for rugs—does away with the need of summer floor-coverings, too.

Belflor never requires refinishing because its prismatic colors do not wear off. The inlaid pattern goes clear through to the burlap back. An occasional waxing keeps *Belflor* beautiful.

Decorative Patterns—Ask us for the *Belflor* Folder which shows the distinctive patterns in their rich, natural colors. They'll suggest so many ways to make your home more beautiful.

CONGOLEUM-NAIRN INC.

Garfield, N.J. New York Boston Chicago
Kansas City San Francisco Atlanta Minneapolis
Cincinnati Dallas Pittsburgh New Orleans



NAIRN INLAID LINOLEUM

PEERLESS

You are conscious, mostly, of the *lack of vibration* in both these remarkable cars—the Equipoised Eight; the Superb Six

THAT'S it. The *lack* of vibration. This most noticeable characteristic of Peerless cars is also their most desirable asset.

For, their surprising lack of vibration results in power unusual—the kind of power that flows smooth, full and free at the touch of the accelerator.

Owners of the Equipoised Eight declare that at every ride they marvel more, while those who drive the Superb Six call it the "best six cylinder automobile in the world." That's the kind of performance these two Peerless cars give.

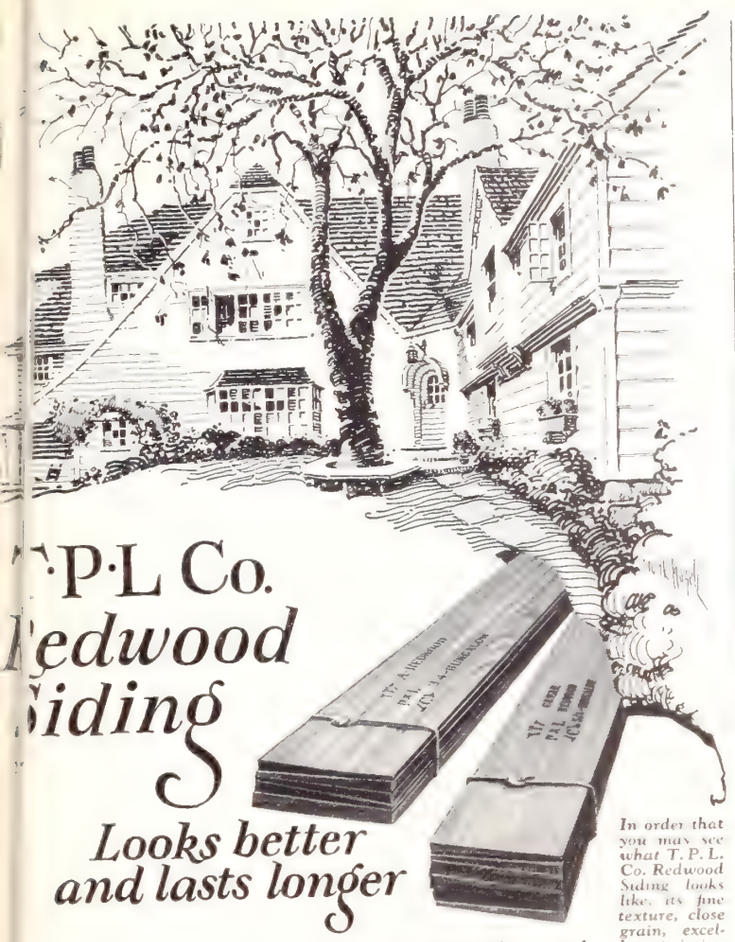
And there are other respects in which those cars are strikingly individual. They are rich in appointment, flawless in finish—cars with lines of startling and impressive beauty from radiator to tail-light.

You would find either the Equipoised Eight or the Superb Six a constant source of pride and enjoyment. Either one measures fully up to the high standards you've set for the ideal car you want.

THE PEERLESS MOTOR CAR COMPANY, CLEVELAND, OHIO

The Equipoised Peerless Eight and the Superb Peerless Six





T·P·L Co. Redwood Siding

Looks better and lasts longer

In order that you may see what T. P. L. Co. Redwood Siding looks like, its fine texture, close grain, excellent painting surface and its freedom from pitch or other similar substances, we will gladly send you a small sample of our Clear Bevel Siding upon request.

Wide T. P. L. Co. Redwood Bungalow and Colonial Siding contain no knots, pitch streaks or other defects to mar the beauty of a house modeled on the lines of early New England or Dutch Colonial homes.

Cut from properly seasoned, selected 1¼" Redwood stock, this siding is smoothly dressed and bundled in standard lengths. It lays flat, stays flat, and assures tight joints because it does not swell, shrink or warp. With an even texture and a surface containing innumerable tiny cells, Redwood takes and holds paint admirably.

T. P. L. Co. Redwood Bevel Siding is supplied in 4", 5" and 6" widths and in 3 grades—clear grade, "A" grade and "B" grade. Every piece is carefully milled, properly seasoned and in all respects complies with the most rigid grading rules. Every T. P. L. Co. Redwood clapboard is smoothly and squarely butted and ready to use. They save carpenter's time and keep waste down.

Permeated during growth with a *natural* preservative, Redwood is protected against fungus and insect activity. So when you specify Redwood siding, clapboards, shingles, window and door frames, foundation timbers, cornices and trim, porch columns, rail and balusters, pergolas, summer houses or rustic work, garden furniture, or greenhouse equipment, you automatically insure against big repair and maintenance charges. You get a home that keeps its good looks and does not suffer from rot even if painting is neglected.

Before you build, write for our "Redwood Homes Booklet", and for our digest of "Technical Note No. 175", a U. S. government publication which places Redwood in the highest class of all commercial woods—soft or hard—for durability.

The Pacific Lumber Co.

Redwood

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332 So. Michigan Avenue

NEW YORK CITY
223 Fourth Avenue Building
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311 California Street

THE LARGEST MANUFACTURERS AND DISTRIBUTORS OF CALIFORNIA REDWOOD

GREATER ADMIRATION
FOR FENCED PREMISES



Plan the fencing when you plan your home

A beautiful home enclosed with Cyclone Fence constantly wins admiration. There is real satisfaction in owning such a home. And the enjoyment is increased by the many benefits Cylcone Fence brings. Cyclone Fence beautifies and protects. Provides a safe place for children to play. Ends annoyance from trespassers and vandals.

There is a growing tendency for home builders to include Cyclone Fence in their plans and make this beautiful fencing a part of the home setting.

Cyclone Fence is built in many attractive styles in Wire and Wrought Iron, suitable for all home fencing purposes.

Write for Catalogs.

CYCLONE FENCE COMPANY

Waukegan, Ill., Cleveland, Ohio, Fort Worth, Tex., Newark, N. J.,

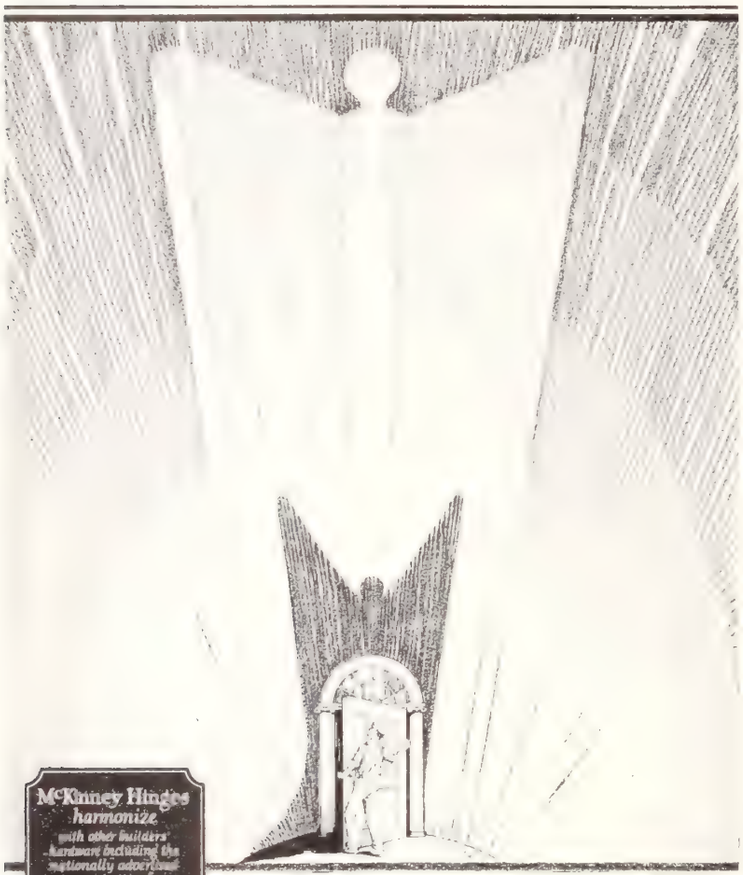
Standard Fence Co., Oakland, Calif., Northwest Fence & Wire Works, Portland, Oregon

Cyclone Fence

"Only After" Chain Link

PROPERTY PROTECTION DAYS

McKINNEY HINGES



McKinney Hinges harmonize with other builders' hardware including the nationally advertised products of CORBIN RUSSELL & ERWIN SARGENT YALE

Will your builder *labor in the shadow of poor hinges or-*

will you be as thoughtful of your doors as he is—and supply McKinney Hinges?

Builders invariably select their best carpenters for the important work of hanging doors—a task requiring the talents of the most skillful. Yet, in the excitement of building or repairing a home, the owner seldom realizes this fact—and the importance of hinges.

McKinney Hinges are small items which play a big part in your mental and physical comfort. They will serve you for the remaining years of your life.

Your builders' hardware man will offer you a wide selection of locks. Choose with freedom, for McKinney Hinges harmonize with all good makes.

A Gift for Those About to Build

McKinney has thought Plans showing full size outlines of your furniture made in proportion to your plans. With them you can arrange and rearrange your furniture right on the blue prints until you are certain the wall space, fixtures, doors and base plugs are as you want them. To aid in your home building McKinney will gladly send a set of these plans. Just write.



McKinney Manufacturing Co.
PITTSBURGH, PA.



A modern copy of an old piece has floral designs in blue. A touch of pink is introduced into the corners

CHINESE RUG

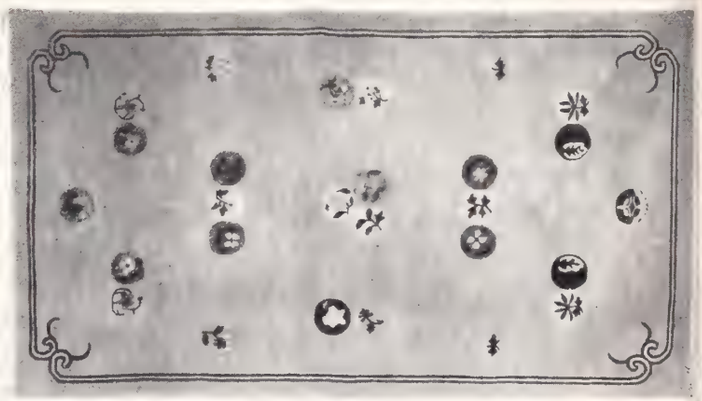
(Continued from page 92)

eludes description, a tint best described as robin's egg, and a blue like turquoise. Certain soft shades of yellow with a greenish tinge; imperial yellow that is like gold. The reds are exceedingly distinctive; they are never bright, never of the primary order, but turn to the rich warm hues of fruit—Pomegranate, Persimmon, ripe Apricot. Golden brown, shades of tan and fawn, with a dark brown for outlines; a little green, a fair amount of white, and a very little black. Broadly stated, these are the typical shades. The colors are used somewhat sparingly; the scheme of each rug is limited to a few; the profusion and blending of colors in a Persian rug is alien to the Chinese principle.

Last comes the weaving. As a rule, the Sehna knot is used, but the yar is so much thicker than in Persia th a different effect is produced, loos and coarser altogether; sometimes a few as eight knots only will be foun to the square inch. The warp is ge erally cotton; the nap, wool or silk the lamb's wool that is used in th Northern districts resembles silk close enough to be mistaken for it. Camel wool has been sometimes employed b the Tientsin weaver. The finish unobtrusive; a web of the narrowe at one end, with loops of the warp at the upper end a little fringe.

Passing from these broad genera characteristics that are shared by al Chinese rugs, we come to their classi fication, a more difficult matter. I

(Continued on page 148)



This rug, copied from a fine antique piece in the Pekin museum, has a buff ground with blue medallions and floral designs

Minton English Bone China



PRINCESS PATTERN
REG U S PAT OFF.

The World's Most Beautiful China

MINTONS EST. 1793 ENGLAND

Like all other designs of Minton's, the Princess Pattern is distinguished by permanent colors and ornamentations which are rendered upon individual pieces by hand enameling.

In selected pieces or a complete service, there can be no more cherished possession for a bride than this artistic design, which will harmonize with the decorations of any period.

Minton's, long renowned in English pottery, has graced the tables of the finest homes for many generations. From calcined ox-bone comes the delicate body and also the durability for which it is famous.

ASK YOUR DEALER TO SHOW YOU THE PRINCESS AND OTHER MINTON DESIGNS

MEAKIN & RIDGWAY, Inc., New York *Representing* MINTON'S, LTD.

"The Trousseau House of America"

Fine Linens Are True Economy

HOWEVER little you pay for poor-quality linens is too much—for they will neither look well nor wear well.

Far better—and wiser—to pay a few dollars more for *Maison de Blanc* fine linens. For in their continual beauty and years of service lie the truest kind of economy.

GRANDE MAISON DE BLANC
Fifth Avenue, 44th and 45th Sts., New York



Complete The Comforts Of Your Living Room



THE addition of one or more carefully selected tables is often the means of materially elevating the character and beauty of the living room. Kiel Tables are moderate in price. Their wide diversity of styles and sizes and their beauty of design and finish make easy the task of careful selection Remember: Kiel Tables—at most good stores.

Write for helpful, illustrated booklet, "True Masterpieces."



THE KIEL FURNITURE COMPANY
Dept. 11 Milwaukee, Wis.

Kiel TABLES



* Immaculate and everlasting whiteness — And it keeps food fresher

A GIBSON in your kitchen is a satisfaction forever. Its snowy white porcelain surface inside and out delights the most critical housekeeper.

When food is put in the Gibson, it gets the coldest kind of greeting. This frigid atmosphere which is ever present keeps your food fresh and delicious. The twelve-fold insulated walls bar heat always. The doors lock the food and ice compartments automatically and *air-tight*. The patented, non-clogging, cast aluminum trap permanently defies heat coming up through the drain. Such protection saves ice.

The Gibson is easy to clean always. The corners are rounded. Not a crack or crevice for dirt to hide in. The shelves are of non-rustable metal. Sanitary throughout.

This snow-white all-porcelain Gibson is worthy of a place in the kitchen where appointments are of the finest. Ask the Gibson dealer in your city to show you the complete line. There are Gibson models suitable for mechanical refrigeration.

GIBSON REFRIGERATOR CO., Greenville, Mich.
Distributors in all principal cities

* Gibson REFRIGERATOR

Gibson cork-board insulated refrigerators are being extensively used with electrical refrigeration units

CHINESE RUG

(*Continued from page* 146)

rugs of the Ming period—the antiques—often the field is covered with an all-over pattern, and the design is geometric in structure; a trellis-like device for example; an arrangement of the Svastika fret; conventional batforms in rows. Flower and leaf designs sometimes appear in diaper patterns; and sometimes, on a field of plain color, rosaries, censers and other temple furnishings are scattered about here and there. Probably the oldest arrangement of all is the central medallion, either on a plain field or on one that has an unobtrusive subpattern, such as a series of undulating lines which the Chinese handle with amazing dexterity, for cloud bands or waves. The dragon in the early rugs is small and stiffly drawn. One single stripe edged with a plain color is the usual border, and a running arrangement of the Svastika fret is almost invariable as pattern. The rich, mellow tone of a Ming rug owes something to the action of time. The soft tan, parchment, and gold-brown hues were, in all probability, shades of apricot-orange, yellows, and gold when the work was new. The dark blue is wonderfully fine, the robin's egg tint also belongs to this period, and many of the colors in vogue for contemporary porcelain were also used for the textiles. This gives a good clue for the dates, since we have more information about the ceramics of China than about the rugs.

RUGS IN RELIEF

A curious feature which appears in these early fabrics, as well as later, is an appearance of relief; parts of the pattern are outlined in a dark color, brown as a rule, and then either cut away or treated with a corrosive dye which eats away the wool outline, leaving only the knots intact, so that a brocade-like effect is achieved. The superb velvet brocades of China may indeed have inspired the rug-makers, but the idea is interesting rather than pleasing, according to a Western standard. The wealthy of the period had their rugs woven with a silken pile; the plutocrat went a step farther and ordered his silk pile to be woven on a web of metal. Glistening through the colored silks the effect of the metallic lustre is very gorgeous.

Ming ideas persisted long after the dynasty had been overthrown, and mingled with Manchurian ideas. The geometric patterns are used along with flower and leaf designs. Sometimes these floral decorations cover the field; Peonies and Lotus flowers sometimes form the principal decoration resting on a sub-pattern of scroll work. Again, these foliate devices are run into lines which cross and re-cross the field with formal precision. The dragon assumes an important position: sometimes two or three are twisted together to form the centre medallion, with one at each corner of the field. In many the dragon tails off into scrolls to such an extent that he is barely recognizable, but he is pres in some form or other, in many pi of this period. The Ming co scheme is still in force, but as pattern becomes more ornate and drawing less archaic, colors tend brighten. Yellow with a greenish tir is rather typical of these late 17th a early 18th Century pieces.

PERSIAN AND INDIAN INFLUENCE

Rugs in the Ch'ien Lung peri reached their climax, and from quantity that were made in that gol age, the greater part of our supply drawn today. The Chinese wea had by that time learned from weavers of India, Turkestan, a above all, Persia, and these influen may here and there be traced, thou never to the detriment of the essent Chinese quality. For example, a lit fine shading which now appears w probably of Persian origin. The g metric patterns and conventions of t earlier rugs, in these, is replaced by almost naturalistic portrayal of flow —Orchid, Magnolia, Sunflower, Pri rose, Peony, and so on, perfect every detail of growth. The restl backgrounds of cloud and wave m tives are handled with such consu mate skill that the "movement" he (though contrary to the usual cano of European art) seems appropria and lovely. The central medallion a well defined type of these Ch'i Lung rugs, surrounded by Taoist e blems or by common things of eve day—a book, a fan, a chessboard, lyre.

A yellow ground is typical; t shade varying from the greeni lemon to the deep gold of Imperi yellow. On this ground the patte works out in yellow of another shad with cream-white, a touch of red, a blue of one or more shades. A grou of ivory white or ashen-white is al typical, with blue for the leading no of the design. One of the Chine reds—brick-red, brownish-red, or t persimmon tone—is also used for t background, though less often tha the yellow or white; and pink of reddish hue is still rarer.

After this period rug-making i China gradually declined, and thoug aniline dyes did not arrive there t the 'seventies, still, colors in the earl 19th Century pieces suffered deteriora tion, and the quality became sensibl inferior. At the present day, on th other hand, excellent reproductions o old designs are being made, and wil be found satisfactory substitutes fo the unattainable antiques.

Chinese rugs, in spite of their di tinctive character, are very amenabl to use in our rooms. Oriental accom paniments are by no means essential t their successful use. With their sof coloring and delicate design they har monize particularly well with Frenc furniture, and they will, indeed, ofte fill a gap where other Oriental rug might appear too dark and heavy i tone for the general scheme.

Build for Tomorrow *and use Sargent Hardware*



BUILD so that you will still love your home and revel in its comfort when tomorrow comes. Build so that your investment in property is secure. A tiled bath, of course! And plenty of closets and a gracious entrance porch!

But don't leave the selection of hardware to the last, when your appropriation may be exhausted and your patience sorely tried. Select hinges that will support your doors adequately and move them without complaining. Knobs that will look well and turn easily—always. Locks that will give real protection and stay in working order. Select Sargent Hardware of solid time-resisting brass or bronze.

Consult your architect about appropriate Sargent styles. "The Colonial Book" suggests many hardware designs in good taste. It is free. Write for it today.

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Hardware Manufacturers
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INTERNATIONAL CASEMENTS



Residence
Erwin O. Lauffer
Architect

INTERNATIONAL Steel Casements are guaranteed weathertight. This means that every window must be so constructed that frame and sash meet as a unit—fitting perfectly at every point of contact. To make this possible requires the utmost care and skill in manufacture, with an almost incredible amount of hand craftsmanship.

International Steel Casements in standard sizes may be had at a moderate cost, and are admirably suited to houses of small or medium size. Special shapes and sizes are, of course, made to order for the residence in which they are to be installed.

We shall be pleased to send you upon request a copy of our illustrated booklet *"International Casements For Homes of Distinction And Charm"*, which gives many interesting suggestions regarding the interior and exterior treatment of windows.

INTERNATIONAL CASEMENT Co INC
88 HOPKINS AVE. JAMESTOWN NEW YORK

Rejuvenate your Floors

A neglected floor spoils the whole room no matter how fine the furnishings. But a well-kept floor instantly transforms even the plainest room into a cheerful abode.

And yet there is nothing about the home that has been so consistently neglected as the floors. The reason has been the *hard hand-labor* necessary to keep them clean and polished.

No more reason for dingy-looking floors

Now-a-days there is an *easy way* to renovate poorly finished floors and to restore lifeless, dingy, scarred and spotted floors so that they are *just like new* once more. And by this same easy method, the most inexperienced person can keep *all kinds of floors* spic and span and new-looking all the time.

The easy way to take care of floors

You who realize the comfort value of well-kept floors – will be delighted to know about the *electric floor machine* which not only scrubs and polishes floors but will actually *refinish* them as well. This handy little machine has made it an absolute waste of time, money and strength to take care of floors by hand. It is known as the



Ponsell
INTERNATIONAL

Electric Floor Machine

POLISHES SCRUBS REFINISHES

Used and endorsed by thousands of prominent individuals

With a "Ponsell" any man or woman can quickly

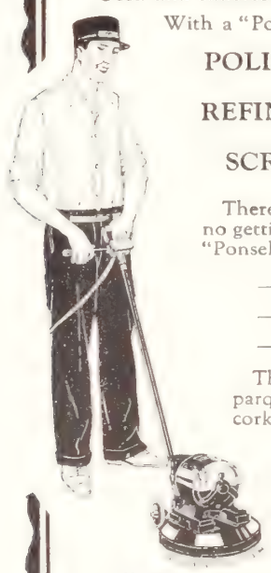
POLISH waxed floors **PERFECTLY**
(no exertion whatever)

REFINISH wood floors **LIKE NEW**
(no skill needed)

SCRUB all floors **SPOTLESS**
(no effort no muss)

There is no stooping, no kneeling, no muss, no getting tired, wet or dirty—and, besides, the "Ponsell" does the work

—five times faster
—for two-thirds less
—and infinitely better



The "Ponsell" works wonders on wood floors, parquet, linoleum, tile, marble, mosaic, rubber, cork, terrazzo, cement, or any other kind of floor.

Several sizes

No matter how small the floors or how large, there is a "Ponsell" of just the right size – for scrubbing, refinishing, polishing—from tiny apartment to largest residence.

Moderately priced

All "Ponsells" are moderately priced—all are operated by electricity and connect to lamp socket, same as a vacuum cleaner. None of them consume more than two or three cents worth of electric current per hour. And none of them require any *skill* or *strength* on the part of the operator.

Mail the coupon

Upon receipt of the coupon below we will promptly mail you full information, prices, and list of sales offices where you can secure a *Free Demonstration* in your own home—or a 10 Day *Free Trial* if you are located too far from any branch office.

Ponsell Floor Machine Co., 220-230 W. 19th St. New York City.

Please mail free illustrated folder and full information and prices about your electric machine for scrubbing, refinishing and polishing floors of all kinds.

Name _____

Address _____

Ponsell Floor Machine Co.
General Offices
220-230 West 19th St.
New York City

Branch Offices in Principal Cities



M. E. Hewitt

An old paper of Venetian scenes in tones of warm grey and sepia has been used in the home of Henry O. Rea, in Sewickley, Pa.

PANELING WITH PAPE

(Continued from page 65)

In many ways this fashion seems to be peculiarly well suited to our requirements of today, for it is an admirable enlivenment of our flat backgounds of paint and picture-mouldings, and gives new interest to the composition and arrangement of rooms.

Not every wall-paper, however, adapts itself successfully to use in panels. There must be a design of more than ordinary interest and vigor to obtain the desired result. Perhaps that is why scenic papers, which are easily separated into groups of pictures by combining three or four strips, are used in panel fashion with the least difficulty. All-over designs like *toile de Jouy* papers may also be used in this manner with great effectiveness, a chintz and brocade patterns of wa paper used in panel effect will give room the quality of being hung w stuffs.

Whenever old paper panels are ava able, one has a decoration worthy special attention. Well placed, so th they form part of the architectu plan of the room, well lighted, a well seconded in color, they will m than repay the people into whose da life they enter.

Leigh French, the New York arc tect, has chosen to put in his dini room two old paper panels which part of the set of "Apollo and

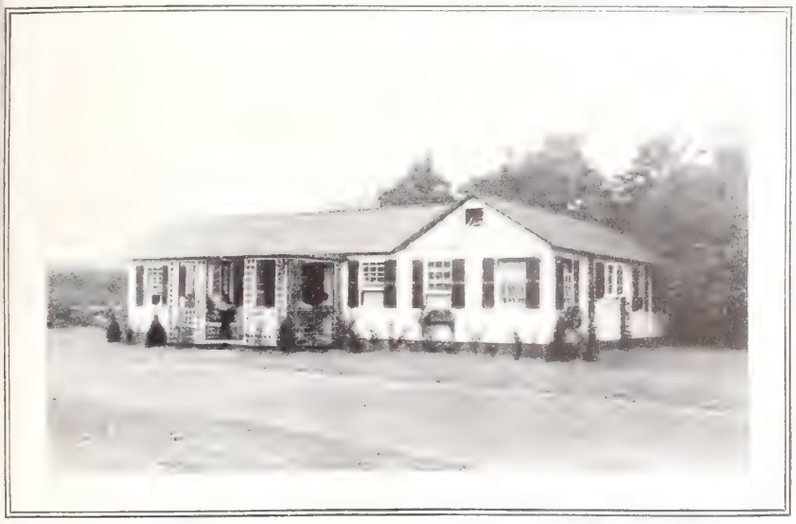
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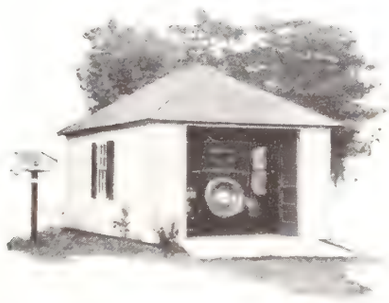


M. E. Hewitt

Old Chinese papers set in panels give color and interest to a long side wall in a country house. All the papers shown in this article are from Nancy McClelland

Do away with building worries





IF YOU are thinking of building a summer cottage, a garage, a play house, a poultry-house or even a dog kennel, let us be your architects.

Perhaps you will require temporary quarters during the construction or remodeling of your country estate. Whatever your building needs may be, there is a Hodgson Portable House which will exactly serve your purpose.

Hodgson Houses are shipped to you in finished sections which bolt firmly together. The smaller houses can be erected in one day with unskilled labor. Think of the saving of time this means to you.

Only the finest materials are used in the construction of Hodgson Portable Houses. The walls and roofs are made of red cedar—the most durable wood known. The framework is Oregon pine—famous for its great strength.

Why worry about plans, labor and materials? Send today for catalog G and choose the Hodgson House exactly suited to your needs. This catalog is profusely illustrated with actual photographs of Hodgson Portable Houses, garages, play houses, dog kennels, etc. Write today.

E. F. HODGSON CO.

71-73 Federal St., Boston, Mass. 6 East 39th St. New York City

HODGSON *Portable* HOUSES

CHAIN LINK Stewart Afco WIRE FENCE





STEWART-AFCO FENCE for estate grounds or suburban residence combines pleasing appearance with an honesty of construction which effectually resists the ravages of time, as well as the straying stranger. Heavy, rigidly set fence with both framework and fabric *galvanized after fabrication*,—it will stand for years without needing even painting. An effective protection and a satisfying investment. Illustrated literature sent on request.

THE STEWART IRON WORKS CO.
(Incorporated)
422 Stewart Block Cincinnati, Ohio

AMERICAN FENCE CONSTRUCTION CO.
132 West 34th Street New York N. Y.

STANDARD OF Stewarts IRON FENCE THE WORLD



Building A Home?
Then Send For This Booklet

IT'S about heating.
Not any one system, but facts you want to know about all of them, before deciding on any of them.
The facts are told in letters—real letters—that were written by six different people, to two who were planning to build.
Intensely interesting.
Sometimes amusing.
Always helpful.
Printed in four colors.
Attractively bound and beautifully printed.
Send for it.
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Irvington, New York

Burnham Boiler Corp. Irvington, N. Y.

KITCHEN MAID

STANDARD KITCHEN UNITS



The UNIT Idea fits every kitchen!

There is no need to deny yourself the convenience of Kitchen Units because your kitchen wall-space is not continuous. You can take groups of Kitchen Maid Units and separate them. Set the broom closet over here—the ironing board closet over there; put the space above your refrigerator to work with a cupboard unit; group a china closet alongside your Kitchen Maid cabinet. Or—put them all in one group as shown in the photograph if space permits. These units are skillfully designed to make such flexibility possible; they are beautifully built by cabinet-makers; they cost no more than old-fashioned cupboards. Why wonder how they'll fit in your kitchen; simply check the coupon, send it and see.

WASMUTH-ENDICOTT CO.
1240 Snowden Street, Andrews, Indiana

Please send me information regarding the units checked:

- ☐ PULMANOOK, consisting of table and 4 seats folding into wall. For alcove ☐; for any kitchen corner ☐,
- ☐ COMBINATION 210-X, with refrigerator, consisting of cabinet, broom closet, dish closet, and linen cupboards to set against wall.
- ☐ IN-A-WALL IRONING BOARD, folding into wall when not in use.
- ☐ BROOM CLOSET, to set in any kitchen ☐; to be built into wall ☐.
- DISH CLOSETS, LINEN CUPBOARDS, to be set in ☐; to be built in ☐.
- IN-A-WALL TELEPHONE SEAT
- ☐ KITCHEN MAID KITCHEN CABINET.
- ☐ DIVIDER CUPBOARDS, to be used to separate breakfast room from kitchen.
- ☐ REFRIGERATOR.

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Address .....

City ..... State .....

"Let the Kitchen Maid be your Kitchen Aid"

KITCHEN MAID
STANDARD UNIT SYSTEMS

UNITS TO FIT ANY WALL SPACE 3 FEET TO 10 FEET



The MAGIC TRAYS *in the Zone of Kelvination*

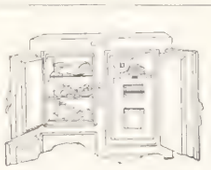
Magic is the only word describing the trays that are a part of every Kelvinator Electric Refrigerating unit.

Fill them with water and the water freezes into perfect cubes of ice, just right for cooling beverages. Color the water and you get brilliantly colored ice that sparkles in the glasses.

Fill the trays with fruit juices and the resulting sherbets are delicious. Use the fruit itself and you will get tempting whole-fruit ices. Frozen custards, salads, cocktails and many other delicacies are just as easily prepared.

There are Kelvinator dealers in all cities who will gladly demonstrate these advantages. Kelvinator literature will be mailed on request.

KELVINATOR CORPORATION
2055 West Fort Street - - Detroit, Michigan
Kelvinator of Canada, Ltd., 17 Temperance St., Toronto



Fits Any Refrigerator

Kelvinator Electric Refrigeration can be placed in any refrigerator. From that time on you simply forget refrigeration. Your refrigerator actually *runs itself cool*, without attention. The current it consumes costs less than the ice you now use.

The Kelvin-et—$250

f. o. b. Detroit



The Kelvin-et is a compact refrigerating unit for small homes and apartments selling for $250 f. o. b. Detroit. It is Kelvinator and refrigerator, all in one. It is delivered to your home like an ordinary refrigerator, and requires only an electric connection. The Kelvin-et is ideal for the family of four or five.

Kelvinator

The Oldest Domestic Electric Refrigeration

(121



HASTINGS FURNITURE

Distinction—

Achieved in Small Space

To those who seek distinction in furniture of compact proportions, this charming Spanish cabinet desk will prove a joy and inspiration.

In apartments or small homes, it requires but a minimum of wall space. It has a commodious writing bed, yet it projects but slightly from the wall when closed. Although it is small, it has the distinguished air and fine craftsmanship of a true thoroughbred.

This striking desk is but one of many notable Hastings creations, from which you can select beautiful and permanent additions to your home at a very moderate cost.

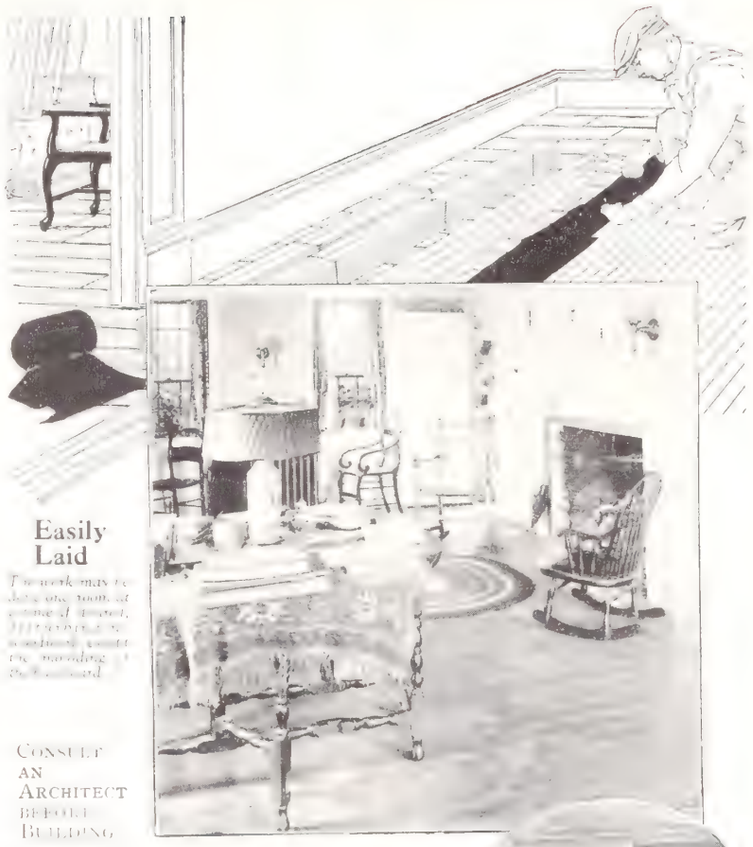
HASTINGS TABLE COMPANY
HASTINGS, MICHIGAN



We shall be glad to send you this interesting booklet describing the Hastings early American dining suite which was selected by Good Housekeeping Magazine as the ideal furnishing for the modern small apartment or home

HASTINGS *Furniture*

HASTINGS FURNITURE
The MARK of FRED E. HILL and his associates



Easily Laid

The work may be done one room at a time if desired. Directions for laying with each carton. Consult the nearest dealer.

CONSULT AN ARCHITECT BEFORE BUILDING

Modernize your Home

Lay Genuine Oak Flooring over the old unplaned floors, at little expense

Can be kept in perfect condition

No dirt can accumulate on the continuous [illegible]. Hardness unlimited, [illegible]. Wear [illegible] tion.

Color charts of correct floor

These [illegible] harmonize with room decoration, are illustrated in full color in our new booklets. Mail this coupon for your [illegible]





OAK FLOORS

NATURE'S GIFT — LASTING BEAUTY

'The Story of Oak Floors'

[illegible]
Hardwood Builders,
[illegible]
[illegible]
[illegible]



The cedar shingles used on this house and stained with Cabot's Creosote Stains. Henry D. Sharp, Architect, Portland, Oregon

Cabot's

(Genuine Creosote)

Stained Shingles

The Highest Grade Shingles Ready-Stained with the Highest Grade Stains

The Highest Grade Shingles: Red cedar shingles made from selected lumber of the great cedar forests of the far Northwest under the strictest specifications of the Shingle Associations—straight grain, uniform thickness, non-warping, perfect-fitting, durable and full count. The most picturesque house finish in the world and the most economical.

The Highest Grade Stains: For over forty years the rich and artistic colors of Cabot's Creosote Shingle Stains have been the standards of shingle-stain excellence. No one even claims to make better Stains than Cabot's. Cabot's Shingles are the only shingles using Cabot's Stains.

Genuine Wood-preserving Creosote: Cabot's Stains are made of Cabot's Genuine Refined Creosote, which thoroughly preserves the wood. "Creosote is the best wood preservative known"—but it must BE Creosote.

You don't have to accept Poor Shingles or Poor Stains. Cabot's Stained Shingles are guaranteed—and they cost no more

Send for Stained Cedar Samples showing wood and colors with catalog and full information. Free.

Samuel Cabot, Inc., Mfg. Chemists

8 Oliver St., Boston, Mass.

342 Madison Ave., New York

5000 Bloomingdale Ave., Chicago. Hibernian Bldg., Los Angeles

Cabot's Old Virginia White

The original brilliant white stain. As bright as new whitewash and as lasting as paint.

Cabot's Double-White

Whiter than white lead paint. Two coats cover equal to three of lead and oil. A true **flat** white for all kinds of surfaces, exterior or interior.



Mary A. Williams

In Mrs. Preston's bedroom, another view of which is shown on page 64, narrow Chinoiserie paper panels are hung over each bed

PANELING WITH PAPER

(Continued from page 150)

Muses", made to imitate bronze statues. By marbleizing the background, and by adding shadows, Mr. French has created the illusion of statues standing in niches. These two panels are hung at the end of the room, one on each side of a real niche where they form a dignified and effective decoration. A picture of this room is shown on page 65.

What may be done by using an old scenic paper in panels is illustrated by the photograph of the dining room of Mr. Henry O. Rea, of Sewickley, Pa. The paper, "Venetian Scenes", is in tones of warm grey and sepia. Color is given to the room by the curtains and the furniture coverings. Such a wall decoration is almost a complete furnishing in itself, before anything else is in place.

Another charming use for old wall-paper panels may be seen in the hallway of Agnes Foster Wright in New York. The Cupidon standing on a pedestal and bearing a huge basket of flowers on his head is very decorative in design and color and looks particularly well against a marbleized wall of pale green. These gay little panels give interest to the hallway of a small New York house that would otherwise have been just a place to pass through, with no particular interest or individuality.

Many of the modern papers in all-over designs may be successfully used in panels, although they were not primarily designed for this purpose. No better example of this can be found than in the bed-room of Mrs. James Preston, where a Chinoiserie paper has been applied in a singularly effective manner.

A panel of the paper is hung as an over-mantel, and a smaller panel is placed over each one of the twin beds in the room. Treated with a coat of orange shellac, these panels give the effect of old Chinese paintings, and look exceptionally well against the wall that is done in a flat tone of color.

THE POPULAR FLOWERS

THE question is often asked "Which is the most popular flower?" To answer that may require a lot of explanation. However the experience of the exhibition committee of the Massachusetts Horticultural Society lists the popularity of special flower shows in the following order: (1) Dahlias, (2) Gladioli, (3) Peonies, (4) Iris, (5) Roses.

The experience of this committee is that the attendance at the society's special flower shows run in this order.

On the other hand it must be explained that the Dahlia and Gladiolus are flowers that demand very little of the gardener. They are primarily flowers for busy people. The Peony, while requiring no more actual care than the former two, is passed up by many gardeners because of the short season of bloom; that is, while they have Peonies they do not specialize in them. Iris, too, is easily grown, and its new tones and shades offered each year, are quite as varied and abundant as the new colors and forms of Dahlias. The Iris, however, can offer a long season of bloom, if one starts with the pumila types of early spring and ranges through the varieties to Japanese Iris in July. The Rose still remains the Queen of Flowers. She is exacting. She asks intelligent care. She requires work to bring to the fullest bloom. But for all this, those who love her are legion, and the number is growing every year.

Into this class of popularity there may eventually come the Delphinium, on which great work is being done in this country. In fact, A Delphinium Society is theatening to start; the flower already has its own magazine. We can also hope to see a revival of interest in Pansies and Violas. They deserve more enthusiastic attention than at present is offered them.



Stained floors that keep their finish

and harmonize with the woodwork in your home

Stained floors raise new problems. Aside from the need for a flooring-wood tough enough to resist moving feet and furniture, you need a wood which assures permanence of the stain itself.

You need a flooring of such fine fibre and delicate grain that the stain penetrates evenly and harmonizes with the woodwork in your home.

Beech and Birch are therefore winning rapidly increasing favor for stained floors in addition to their extensive use in their beautiful natural colors, when waxed or varnished. They possess the remarkable hardness of Maple, combined with a texture which makes them most easily stained.

New floors make your whole home new—at less than the cost of new carpets! Ask your lumber dealer about 3/8-inch Maple, Beech and Birch floorings; they can be laid right over old floors without disturbing doors or baseboards. All the delightful color harmonies offered by these flooring woods become yours at a moderate cost, in your present home. Write for "Color Harmony in Floors," "New Floors for Old" and "The Floors for Your Home." These booklets will be furnished free on request.

MAPLE FLOORING MANUFACTURERS ASSOCIATION
1047 Stock Exchange Building, *Chicago*

Guaranteed Floorings

The letters **MFMA** on Maple, Beech or Birch flooring signify that the flooring is standardized and guaranteed by the Maple Flooring Manufacturers Association whose members must attain and maintain the highest standards of manufacture and adhere to manufacturing and grading rules [illegible] of these remarkable woods. This trade-mark is for your protection. Look for it on the flooring you buy.

MFMA

Floor *with* Maple
Beech *or* Birch



Genuine Porcelain Enamel Inside and Outside

BOHN
SYPHON REFRIGERATOR

The ability to preserve in wholesome goodness, even most perishable foods, is found in a superlative degree in this new BOHN syphon refrigerator. ¶ The clean lustre of crystal-white porcelain, inside and out, combined with the efficient BOHN syphon system, assures the modern housewife of healthful refrigeration.

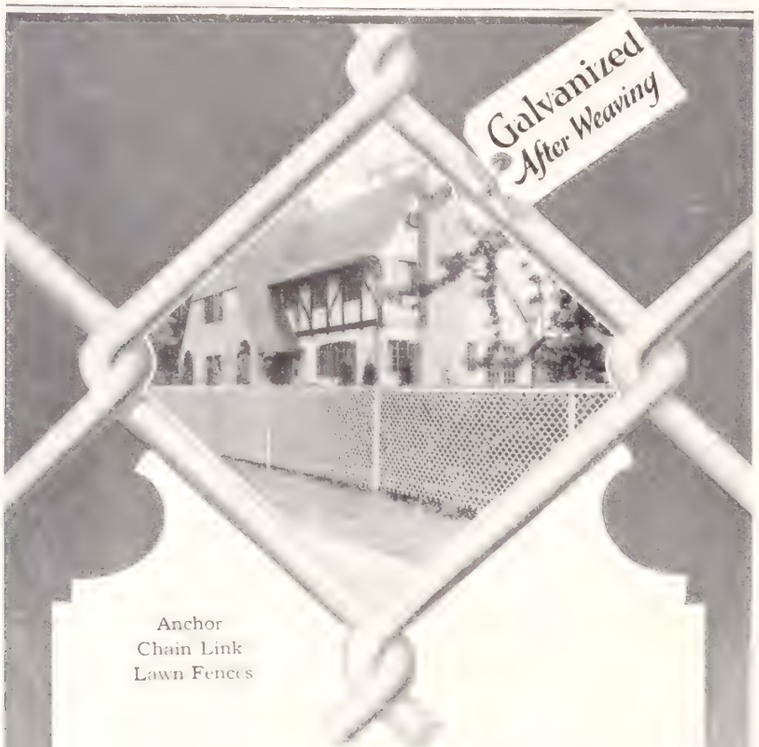
Adopted by the Pullman Company; every dining car on all railroads is equipped with BOHN syphon refrigerators and is a rolling testimonial of unsurpassed efficiency.

BOHN REFRIGERATOR COMPANY
SAINT PAUL, MINNESOTA

Retail Salesrooms in the following cities:

NEW YORK—5 East 40th Street
BOSTON—70 Boylston Street
CHICAGO—Washington Street and Garland Court

Anchor Fences



Anchor
Chain Link
Lawn Fences

A friendly but effective way to say "Keep Off"

THERE is one language which is universally understood,—the language of a fence. A lawn fence unmistakably says, "Keep Off"—and its command *must* be obeyed!

Beautiful grounds deserve the protection which an Anchor Lawn Fence affords. It prevents trampling of the grass and shrubbery and pilfering of flowers. It keeps out stray dogs and discourages all forms of trespassing. Where there are kiddies, it provides a most effective safeguard against traffic dangers.

Anchor Chain Link Lawn Fences are both durable and attractive. They last for years. To resist rust, all parts are heavily galvanized throughout. And as a double safeguard against corrosion, the fabric is made of *rust-resisting* copper-steel wire, *Galvanized After Weaving.*

Our nearest office or sales agent will gladly furnish complete information on this type of Anchor Fence or any other type in which you may be interested. Just phone or write.

ANCHOR POST IRON WORKS
52 Church Street New York, N. Y.

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BALTIMORE, MD.
BOSTON, MASS. 79 Milk St.
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ST. LOUIS, MO.

Sales Agents in Other Cities



A suggestion for the arrangement of objects on a hall table or a living room console. Mrs. Buel, decorator

WHAT SHALL I PUT ON THE TABLE?

(Continued from page 58)

a quality of interest to the table top.

Elizabethan and Jacobean tables suggest adventure, travel and the chase. An old velvet runner or a bit of crewel embroidery, a lamp fashioned out of an old Dutch glass wine flask, or a brass or copper jar, with a shade of imitation vellum paper decorated with an old map or ship engravings, and pewter or brass trays and boxes, are useful as well as decorative accessories in keeping with the character of the table. Greens of all kinds such as laurels or pines of various varieties in plain pottery jars bring a bit of outdoors into the room as well as supplying a rich note of green. Brass candlesticks flanking a globe give light to trace real or imaginary travels, and treasured books and pamphlets, carelessly handy for a waiting visitor to glance through, make such tables "live" in a room.

Several things beside the mere writing equipment are necessary to give character and distinction to a table desk. A desk Directoire in type, for instance, is equipped in the first place for writing comfort, and secondly with touches of flowers and odd appointments for the inspiration of the writer. An Agenda, a Dictionary and a Book of Synonyms are bound alike in brocade or chintz to harmonize with the rest of the room. A tin shaded flambeau such as Récamier might have penned a note beside is an ideal lamp for a table of this kind. Directoire urns in gold lustre, figurines in faience of the period, an old print or two, a comfortable ink well and generous

(Continued on page 158)



G. W. Harting

The objects on this small Directoire table are a graceful silver lamp of the period, a row of old books and a collection of small boxes. It is in the New York home of Pierre Dutel



Design, Crude; Material, Excellent!

This strongly-buttressed Western Red Cedar stump—20 feet in diameter—once served a Washington State pioneer as a home. The design is crude but in his choice of material he showed the wisdom and resource of the backwoodsman. He selected Western Red Cedar as the Indians did in bygone years when they built their huge and remarkable dug-out canoes—for its extraordinary durability, resistance to decay, its lightness and easy workability.

Western Red Cedar



for Trellises



for Screen Frames

plus the masterly and versatile art of the modern architect and builder.

Western Red Cedar contains neither pitch nor resin. It is a beautiful, silky-finished wood, buff-colored, light and naturally armed against both and owners.

Won't you send the coupon today for interesting and dependable information about this fine wood?

RED CEDAR LUMBER MANUFACTURERS' ASSOC.
4447 White Building

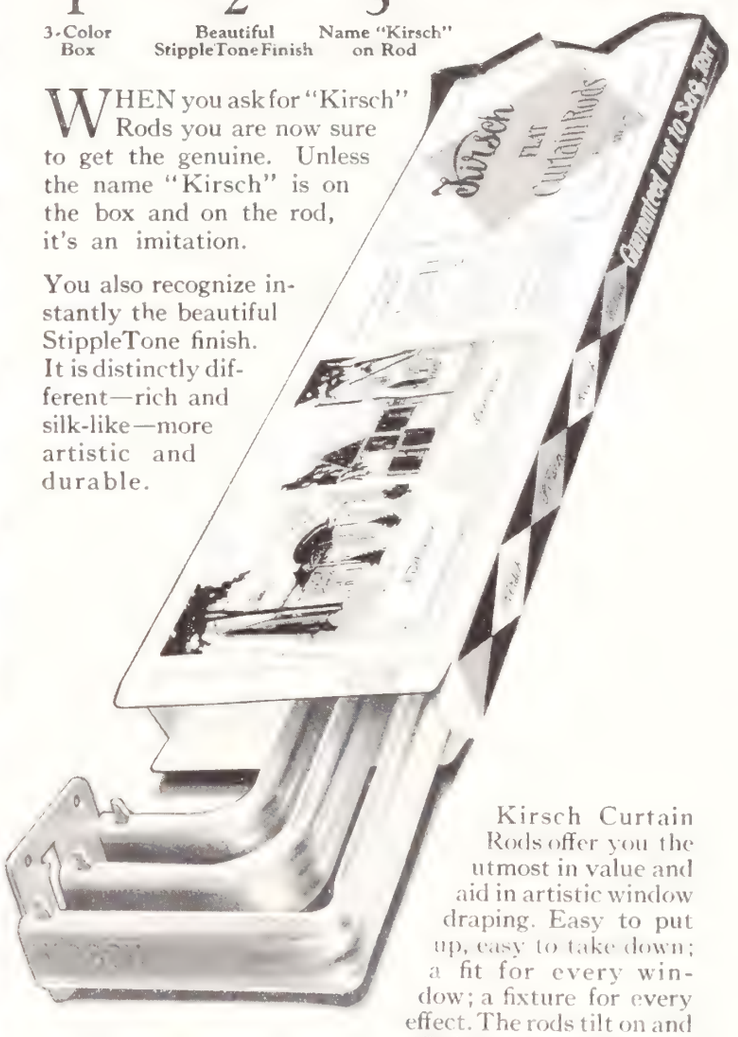
St. & No.

Three ways to be sure of getting genuine *Kirsch Curtain Rods*

1	2	3
3-Color Box	Beautiful StippleTone Finish	Name "Kirsch" on Rod

WHEN you ask for "Kirsch" Rods you are now sure to get the genuine. Unless the name "Kirsch" is on the box and on the rod, it's an imitation.

You also recognize instantly the beautiful StippleTone finish. It is distinctly different—rich and silk-like—more artistic and durable.



Kirsch Curtain Rods offer you the utmost in value and aid in artistic window draping. Easy to put up, easy to take down; a fit for every window; a fixture for every effect. The rods tilt on and off the patented Snug-fit brackets, and never come down accidentally.

"There is no substitute for Kirsch Quality and Service"

Look for the 3-color box—StippleTone finish—Name "Kirsch" on Rod

KIRSCH MFG. CO., 242 Prospect Ave., STURGIS, MICH., U.S.A.
Kirsch Mfg. Co. of Canada, Ltd., 153 Bullet St., Woodstock, Ontario

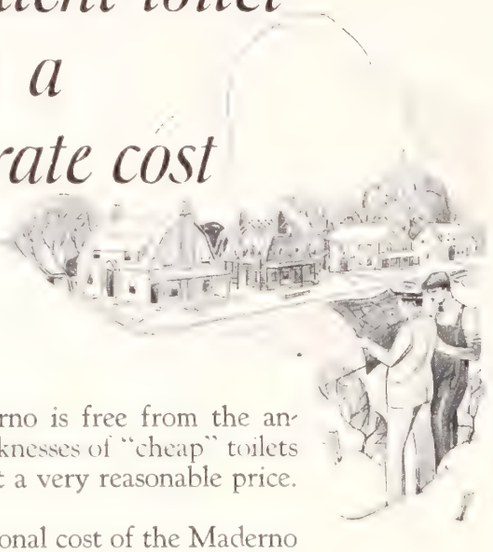
FREE
Wonderful Book of Window Draping Helps

A 32-page book packed with practical aid for window draping. Ideas for every room and every kind of window—single, double, triple, bay, casement, odd-shaped windows and doors, French doors, etc. 24 color schemes for living rooms, dining rooms, bedrooms, sun rooms, etc. Instructions for measuring windows, making valances and headings. How to sew on Kirsch hooks and rings; how to put up draw curtains on Kirsch rods. It's our 9th annual book—a book of real service.

If the book doesn't give all needed help, write the Kirsch Interior Decoration Service Bureau.



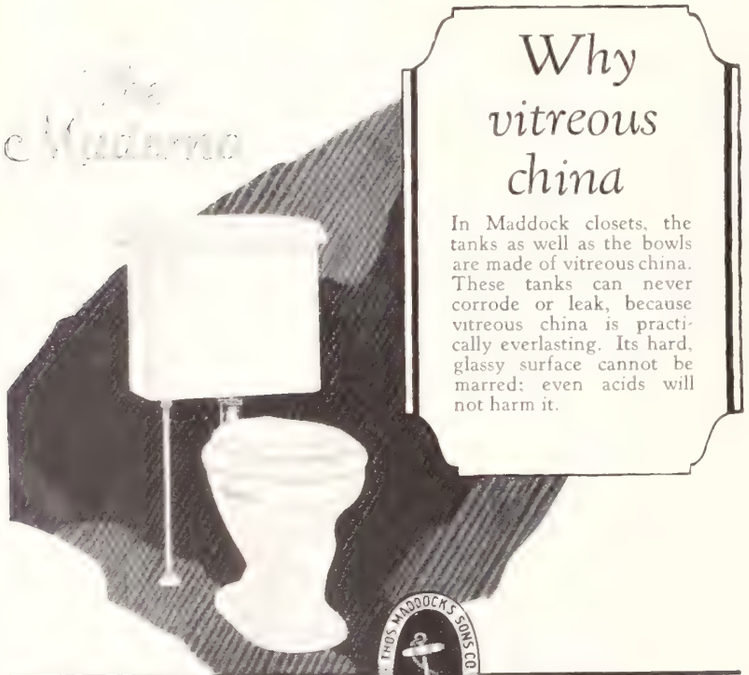
An excellent toilet at a moderate cost



THE Maderno is free from the annoying weaknesses of "cheap" toilets and yet is sold at a very reasonable price.

The slight additional cost of the Maderno is soon saved by the absence of repair bills. The tank mechanism will not cause trouble or expense, because it is expertly made and thoroughly tested under water-connection.

You are invited to write for our new booklet, "Maddock Bathrooms." This booklet gives suggestions for placing different combinations of fixtures in spaces of various sizes and shapes.



Why vitreous china

In Maddock closets, the tanks as well as the bowls are made of vitreous china. These tanks can never corrode or leak, because vitreous china is practically everlasting. Its hard, glassy surface cannot be marred: even acids will not harm it.

THOMAS MADDOCK'S SONS COMPANY, *Trenton, N.J.*

MADDOCK

Bathroom Equipment

Avoid doctor bills by more intelligent use of the plumber



D. B. Merrill

A small table in a guest room should be equipped with writing materials, a small lamp, some books and a vase of flowers

WHAT SHALL I PUT ON THE TABLE?

(*Continued from page* 156)

writing folio in leather, or paper, decorated with an old print, and a file box to hold letters and bills, are necessary and charming appointments for a table desk of this character.

The early American table suggests simplicity and a quaint charm of arrangement. Old pine tables in themselves are so severe that one must keep to ornaments and accessories somewhat of the same type. An astral glass lamp, fitted for electricity, may be used without spoiling the effect of old-fashioned primness. Appropriate shades for a lamp of this type are made of gay cotton prints. Early American glass vases in deep amethyst or rich blue should be filled with garden flowers, and a pair of quaint Staffordshire figurines used for book ends will add interest and be in keeping with this kind of table. In place of a table cover use a pair of old samplers for mats under the lamp and flower vase. Betty lamps in pewter, old pewter plates and apothecary jars are useful for tobacco or sweet meats. Again portfolios covered in cotton prints or glazed chintz may be used to hold the writing materials or the latest magazines.

Smaller tables should be adorned with consideration for their use both formal and informal. Hence the hall console should be as formal as the intimate and convenient small smoking table is informal, and the occasional table should be a happy medium between the two, the objects being selected primarily for their usefulness and then arranged with an eye to the decorative effect.

TWO COMMON QUESTIONS

HOUSE & GARDEN readers ask us these questions often, so we print the answers to them, in order to pass on the information to many more who may be interested.

Question. "I would appreciate any information you could be kind enough to give me on suggesting what to plant in ferneries in a room where there wouldn't be much sunlight to get to the plants."

Answer. Ferns usually suffer more from too much rather than too little light. They naturally grow in the woods and when used indoors, we should try to get as near to woodsy conditions as possible. That means not much light, lots of water, a humid atmosphere and a peaty soil. If you can give them these conditions, or something approximating them, you will have success.

Other plants which can be used and which will stand a little more light and less humidity are English Ivy and Creeping Charley. In the city the usual difficulty is with the humidity. Steam heating is very dry and unless a pan of water is kept on the radiator in the room with the plants they will seldom do well. The evaporation from even a small pan is very helpful to them.

Question. "Please tell me what vines are suitable for covering a wire fence under trees where there is very little sun. Also what annual and perennial flowers will grow where there is much shade."

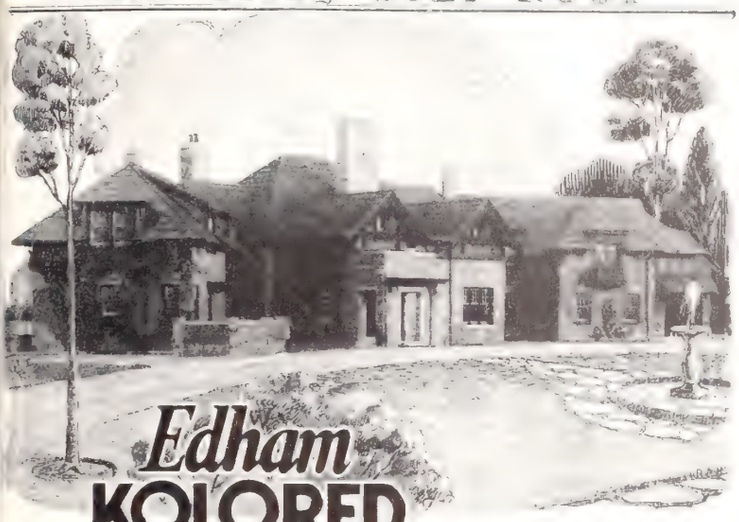
Answer. The best vine for your purpose is Lonicera halliana—Hall's Honeysuckle. Others which might be used are Celastris scandens—Bittersweet, or Tecoma radicans—Trumpet Creeper.

The following list of annuals and perennials will do in partial shade:

Asters, Clarkia, Feverfew, Godetia, Lupin, Musk Plant, Nemophila, Nicotiana, Pansy, Salvia, Schizanthus, Snapdragon, Sweet Alyssum, Sweet Sultan, Verbena.

Ajuga reptans, Convallaria majalis, Hepatica triloba, Lysimachia nummularia, Polygala paucifolia, Sanguinea canadensis, Trillium erectum, Vinca minor, Aquilegia in variety, Helianthemum in variety, Dianthus in variety, Campanula carpatica, Phlox subulata and stolonifera, Veronica in variety, Bellis perennis, Hosta in variety.

The Fifty Year Roof



Edham KOLORED Shingles

ARE you contemplating a new home or renewing the old home? EDHAM KOLORED SHINGLES offer you beauty, durability, comfort and economy to a marked degree.

There are wonderful possibilities of beauty in the choice of 31 colors—soft greys, rich greens, dusky browns and shimmering variegated shades and tints—that will nestle in and become a part of any landscape.

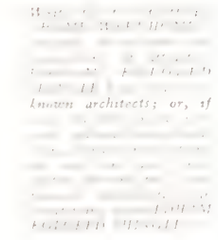
Durability beyond question. Manufactured from British Columbia Red Cedar, a wood endowed by Nature with time-resisting preservatives which make it impervious to climatic conditions; 100 percent Edge-grain, these shingles cannot warp, cup or curl, lasting a lifetime.

Each shingle as it comes from our Dry-Kilns, hot, free from moisture, with the pores of the wood open and receptive to color, is hand-dipped in baths of strongest color pigments, linseed oil, creosote preservatives and "binder," ensuring penetration and permanency of colors.

A non-conductor of heat—6 percent warmer than siding, warmer than brick 22 inches thick—you are ensured comfort in the hottest days of summer, and lessened fuel bills in the cold days of winter.

The economy is first evident in the lessened first cost of roof or sidewalls, and it becomes more noticeable in the lower upkeep costs; no painting and re-painting during the years that follow.

Specified by leading architects everywhere. Your local lumber dealer stocks and recommends standard Greens, Browns and Greys in 16, 18 and 24-inch shingles. Specify them by full name, which you will find printed on binder stick and red tag attached to bundle. Avoid substitutes.





EDGECUMBE-NEWHAM COMPANY LTD.

Foot of Renfrew Street

VANCOUVER CANADA



Let Fiske Fence Your Tennis Court

KEEP your tennis balls within your tennis court with an enduring and sightly enclosure high enough to be a satisfactory back stop.

One sure way to satisfaction is a Fiske Tennis Court Enclosure —which is a complete protection of sturdy, rust-proof fencing running from ten feet high to any height you wish.

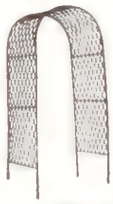
Built with hexagonal mesh wire, supported by heavy uprights and tubular top rail and supporting braces, all strongly put together.

The wire comes right to the ground line, and the mesh is too small to allow a fast ball to drive through. Used on club and private courts everywhere.

We contract to do the installation work; or we will furnish plans and blueprints with full erecting instructions.

Let Fiske fence your tennis court. Write us today

Archways



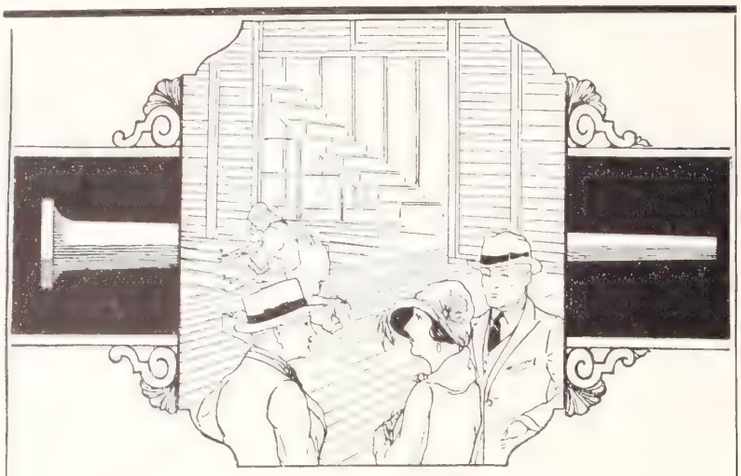
Stock sizes 18 and 30 inches wide. All span a four foot walk and are seven feet high. Galvanized after they are made; absolutely rust-proof.

18" $13.00, 30" $15.00
Mail Orders Filled

Write for Catalog 14 of

Specify which Catalog you want

J.W.Fiske IRON WORKS
ORNAMENTAL IRON WORK
80 Park Place ~ New York
ESTABLISHED 1858



You Never Need Worry About Squeaky Floors

For you'll never *have* squeaky floors—if the boards are laid with Reading Cut Nails.

Reading Cut Nails for the under-flooring and hardwood boards.

These are the nails which insure freedom from annoying squeaks and unsightly warping.

Once the floor is down it is down to stay—72% greater holding power takes care of that.

Make sure that Reading Cut Nails are specified—and see that they are used!

READING IRON COMPANY, Reading, Pa.

Also makers of RICO Hard Cut Floor Nails made to drive into hardwood without bending

READING CUT NAILS

Drop all waste here—then FORGET it!



A Convenience the Better Home Deserves

EVERY day—every hour, almost—you'll have cause to be thankful for the handy Kernerator in that new home of yours. For it saves those countless steps to garbage can and rubbish pile. Thousands in use—fully guaranteed—and extremely moderate in first cost (which is the only expense).

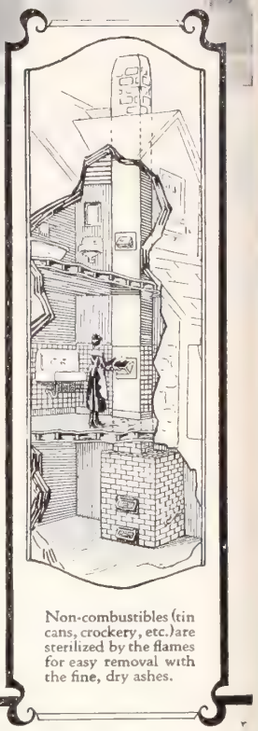
Costs Nothing to Operate—Uses No Fuel

As shown, the Kernerator consists of a brick combustion chamber in the basement, with hopper doors in or near the kitchen above. All waste—garbage, sweepings, tin cans, bottles, papers, and the like—dropped through the hopper door, fall to the combustion chamber. An occasional lighting of the air-dried waste is all that's necessary.

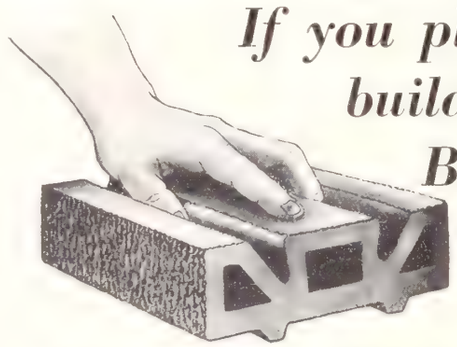
The Kernerator must be built in—can't be added later. Ask your architect—he knows and will recommend the Kernerator, or write

KERNER INCINERATOR COMPANY
1025 Chestnut Street Milwaukee, Wis.

KERNERATOR
Built-in-the-Chimney
Reg. U. S. Patent Office



Non-combustibles (tin cans, crockery, etc.) are sterilized by the flames for easy removal with the fine, dry ashes.



If you plan to build with Brick—

Build with "FISKLOCK"

Here is Where you Save

On Labor. *One* "Fisklock" Brick occupies the same space in the wall as *two* standard size bricks. *One* handling instead of two.

On Material. A "Fisklock" Brick requires 20% less mortar than the face and common brick it replaces.

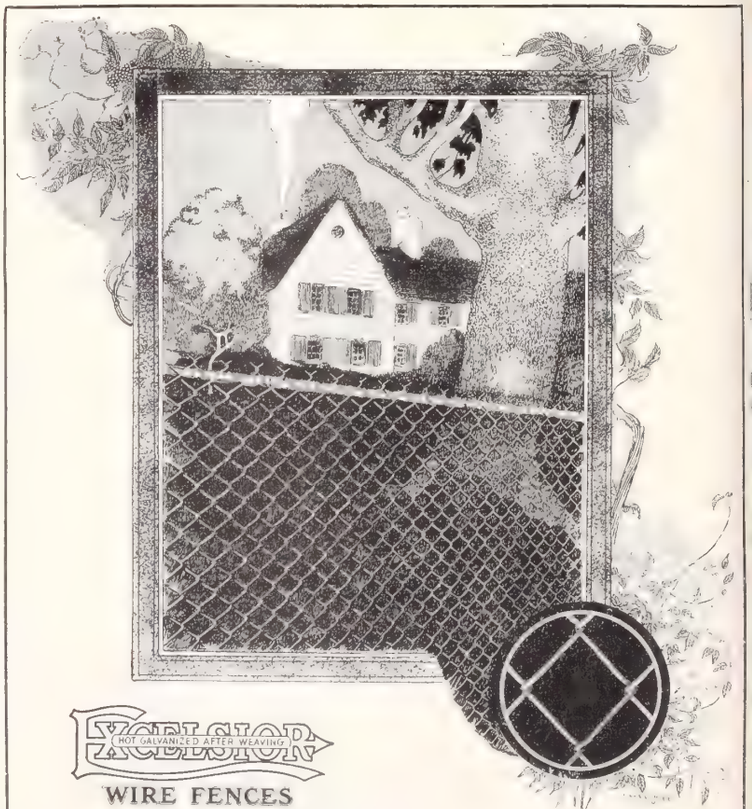
On Heating Bills. The "Fisklock" house is effectively *insulated* against cold by the dead-air cells provided in every brick.

and in addition

"Fisklock" Brick, similar in texture and blending colors to our famous "Tapestry" Brick, assures a home beautiful as it is economical.

FISKE & COMPANY
INCORPORATED

New York **Boston** **Watsontown, Pa.**



EXCELSIOR
HOT GALVANIZED AFTER WEAVING
WIRE FENCES

The pioneer hot galvanized after weaving chain link fence will give your grounds complete and permanent protection. Made any height required.

Complete information will be sent to you upon request.

WICKWIRE SPENCER STEEL CORPORATION
Fence Department, **Worcester, Massachusetts**
New York Buffalo Philadelphia Cleveland
Detroit Chicago San Francisco Los Angeles Seattle



If it rained for a lifetime this roof would still be *snug* and *tight*

THE freezing sleet of winter—wind-driven spring rains—summer's drenching showers—blustering fall storms—beat in vain upon your Eternit roof.

To ordinary roofs, these repeated drenchings bring decay. But not to Eternit. For Eternit Shingles are rigid asbestos shingles. Made of materials the whole world knows are *decay-proof*. Fabricated by improved methods to bring you finer shingles than you have ever known before—and at prices that bring you real roofing economy.

An asbestos shingle can be no better than the asbestos used in it. Eternit Shingles are made of South African asbestos—recognized as the best in the world for shingles because its barbed fibres are long, clean and close-binding.

Eternit Shingles are not made by the casting or moulding process. They are *built up*. Layer upon layer of tough, clinging asbestos fibres. Given greater strength by reinforcing with fine cement. Matted into place. Twisted and interwoven. Compressed, under enormous pressure, into solid, rugged, impervious shingles. Then seasoned for three whole months to assure even-laying qualities.

All-mineral composition makes Eternit Shingles proof against time and weather. Nothing to deteriorate. Year after year of repair-free roofing satisfaction. Because, when laid with copper nails, *your Eternit roof will last forever.*



Eternit Asbestos Shingles are also made in this standard shape which gives the simpler effect desired by many.

No more danger from sparks and embers. An Eternit roof is absolutely fire-proof—sure protection for your home. And beautiful besides. A choice of colorful shades. The attractive blue-black as shown in the illustration, natural gray, warm red and rich brown.

Whether you are putting up a new home or thinking of reroofing, you will be greatly interested in "Building roofs that beautify and last." Write for your copy today. American Insulation Co., Roberts Ave. and Stokley St., Philadelphia, Pa.

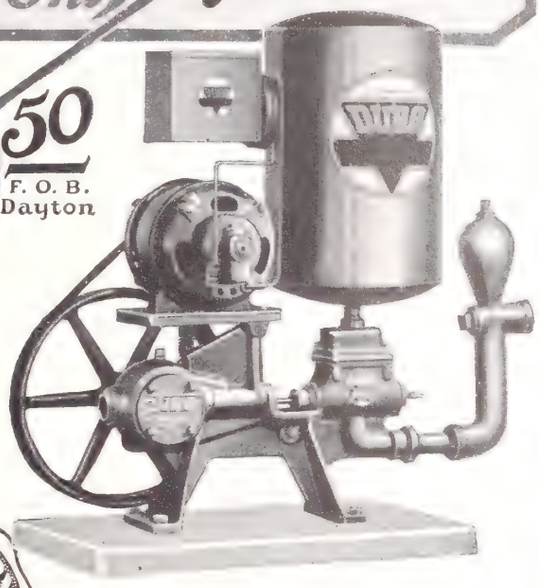
Eternit

ASBESTOS SHINGLES

Make your next roof last


PAUL
HESSE
FISK

An Electric Water System for Only $79.50 F. O. B. Dayton





The New Duro Single Unit Water Softener stopped soft water scale and corrosion, softened water for bathing, cooking, washing, at the faucet. Reduced soap bills. Old wells eliminated. A demonstration will convince you. See your Duro dealer. Priced as low as $[illegible]. Duro.

A remarkably efficient water system—electric driven and entirely automatic in operation—sold at a heretofore **unheard of** price!

That describes tersely the Duro Electric Water Lift. Very likely there is a Duro user near you, getting soft water from his cistern or probably his entire water supply from a shallow well or spring—just like city water service. Perhaps he has a Duro system installed upon his yacht or in his summer cottage. There are satisfied users everywhere and more than 7,000 Duro dealers cover the continent.

Let the Duro Advisory Service study your water supply problem and recommend a system to meet your exact requirements. There are Duro systems for all purposes; for shallow wells and deep wells; for gardens and greenhouses, country clubs, factories and even small villages. Duro guarantees satisfactory water service.

There is no charge for the Duro advisory service. Write today for FREE CONSULTATION BLANK.

THE DURO PUMP & MFG. CO.
504 Monument Ave., Dayton, Ohio

DURO Water Systems

SPECIAL ADVISORY COUNSEL FOR ARCHITECTS



Smith & Bassett, Architects

Tudor Stone Roofs

Whether or not the exterior of one's new home presents a pleasing appearance depends mainly upon the architectural design and the choice of materials that harmonize. In Tudor Stone we have a natural slate whose characteristics enable us to design a roof to blend with almost any type of architecture.

Every Tudor Stone roof is individually designed and specially quarried for the house upon which it is to be laid. The finished effect is predetermined, age and time merely improving and mellowing the colorings of the slate, and hence the appearance of the roof. Every Tudor Stone roof is, moreover, weatherproof, fireproof and everlasting.

Our Architects' Service Department, under the direction of Mr. Walter McQuade, a practicing architect, will gladly cooperate with you and your architect in planning a Tudor Stone Roof. We shall be pleased to send you upon request a copy of our illustrated booklet which fully describes our service

Rising and Nelson Slate Company
NEW YORK
Sales Office and Architects' Service Department: 101 Park Ave.
Quarries and Main Office: West Pawlet, Vermont
BOSTON PHILADELPHIA CHICAGO



Turbulence in the Tub

NEVER before, in a long history of creative effort, has Maytag ingenuity been so decisively revealed as in the development of the Gyrafoam washing principle.

Place a napkin in a pan of rapidly boiling water. Observe the violent commotion as the water's compelling energy is expended upon and through the piece.

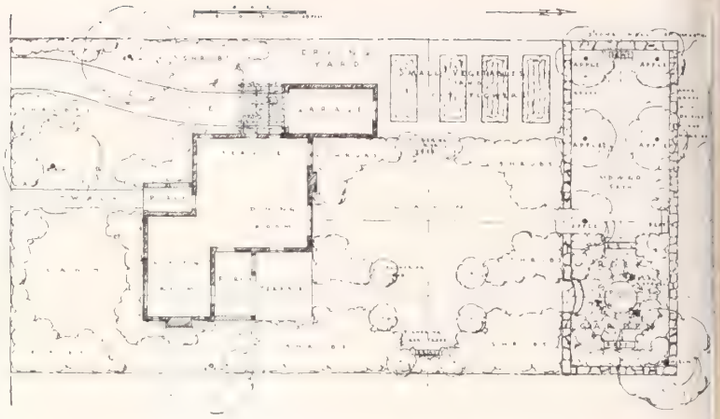
Imagine the motion of the energized water multiplied many times. Then this simple experiment will illustrate the water turbulence of the Maytag Gyrafoam Washer.

The Gyrafoam follows the now proven theory that the water must agitate the clothes and not the clothes the water.

Test the Gyrafoam in your own home just as you will use it year after year. No other method can so effectively demonstrate its value. It sells itself. It will surely sell itself to you.

F. L. MAYTAG, *Founder*
THE MAYTAG COMPANY, *Newton, Iowa*

Maytag
Gyrafoam Washer
WITH CAST ALUMINUM TUB



The grounds are divided into six parts: the service section, from the entrance drive to the vegetable and cut flower beds; the front lawn; the main oval lawn; the long pathway from terrace to rock garden; the rock garden and the orchard garden

AN IDEAL SMALLER GARDEN

(Continued from page 90)

openings marked by Flowering Crabapples. In the deep and heavy planting along the pathway, and at the end of this cross-axis, a seat has been placed.

The rock-garden and orchard garden are enclosed by a low, roughly built, dry stone wall covered with Roses and Honeysuckle. The level of the rock garden has been made one foot lower than the ground about it so that a few steps could be used. Its floor is a pavement of random-shaped flagstones from the uneven edges of which rock ledges rise to the wall, and in the center of which is set a crudely circular pool.

This little garden, being a setting for rock plants and wildings in general, has been made in a rather naturalistic way, but it is essentially civilized. Its shape and arrangement have a plainly recognizable form. As with the rest of the place the idea has been to achieve informality without the sad but customary chaos.

Off the rock garden, up three low steps, lies the orchard garden within the same surrounding walls. Here no real attempt has been made to garden. Grass grows tall under the trees and is mowed only for a central path that leads to a seat at the end. In the high grass sections are planted spring flowering bulbs, summer lilies, and Asters for Autumn, so at any season this brief stretch of orchard is a lovely and interesting spot.

The planting scheme throughout the whole place is held as closely as possible to native plants. The bulk of the shrubbery planting is composed, among the low-growing types, of such things as:

Ink berry: *Azalea indica*
Indian Currant: *Symphoricarpos vulgarus*
Coral Berry: *Callicarpia purpurea*
Drooping Leucothoe: *L. cathesbei*
Mountain Andromeda: *Pieris floribunda*

Among the shrubs of middle height would be used:

Washington Thorn: *Crataegus cordata*
Red Osier: *Cornus stolonifere*
Golden Willow: *Salix lutea*
Mountain Laurel: *Kalmia latifolia*
Native Rhododendron: *R. catawbiense*
Lilac: *Syringa vulgarus*

Some of the large shrubs and small flowering trees would be:

Flowering Dogwood: *Cornus florida*
Mountain Ash: *Sorbus americana*
Flowering Crabapples: *Malus* (in variety)
Flowering Cherries: *Prunus* (in variety)

On planting the grounds the tendency should be to use fewer and larger plants than is the custom generally. The cost of this method is scarcely greater at first than that of using many small plants, and it is certainly much more effective at once, and considerably less trouble as time goes on, for it requires but very little thinning out.



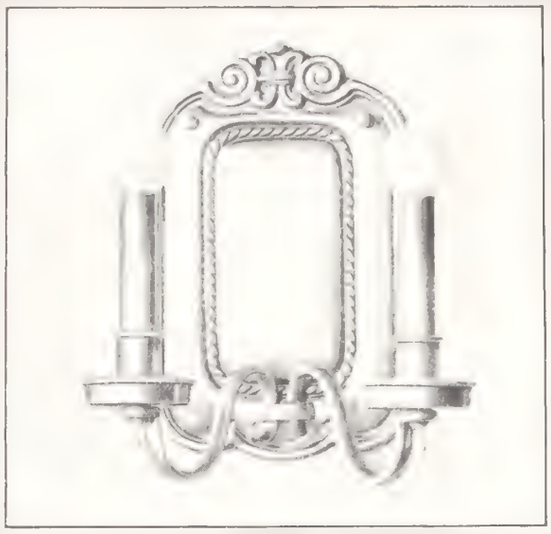
The Gift Supreme

Your living room or hall need the finishing touch a floor clock gives—the spirited hospitality which a stately Hall Clock creates as one enters the home. Its handsome appearance and mellow chimes are a source of pleasure throughout the year. Would you not like to have such a clock?

Suppose you call at our store and let us show you different models. Clocks with chimes from $200. upward. Convenient terms arranged.

Catalog upon request

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Established 1847



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of Authentic Design

UNSURPASSED IN ARTISTIC MERIT

THE HORN & BRANNEN MFG. CO.
427-435 NORTH BROAD STREET
PHILADELPHIA, PA.

DESIGNERS MANUFACTURERS IMPORTERS

St. Johns Tables



Now that numerous tables are considered so necessary in the living room, it is an advantage to know that St. Johns Tables *excel* in beauty of design and proportion, yet are priced within the reach of *every home*.

They are sold by nearly all good stores everywhere. Dining tables, davenport, library and extension tables of St. Johns make are widely known for their attractive designs, fine construction, excellent finish and modest prices.

The latest St. Johns productions include very attractive coffee tables, occasional, wandering, end tables and consoles in great variety. Designs in early American, English and Italian Renaissance.

Ask your favorite dealer about St. Johns Tables, and meanwhile write us for booklet on home decoration.

St. Johns Table Company
CADILLAC MICHIGAN

THERE'S A ST. JOHNS TABLE FOR EVERY HOME



HAWKES ROCK CRYSTAL

Superbly engraved for dinner tables of distinction

Kashmir Patterns

Mineral Water Tumblers

HAWKES

PEERLESS among tableware is Hawkes Rock Crystal, hand engraved by skilled craftsmen working with fine copper wheels, emery and oil.

Luminous ringing crystal, sharp cut engraving, individual patterns make each piece as much to be treasured as one's family silver and jewels.

At your jeweler's, or write for Gift Booklet to

T. G. HAWKES & COMPANY
Corning, N. Y.



THE GREAT DINING-HALL OF THE HOTEL STATLER, BUFFALO, WITH A CEILING IN McDOUGALL-BUTLER COLORS

PAINTING THE BACKGROUND FOR THE PLAY OF MANNERS

A NOTE

BY JAMES WALLEN

IT is the function of interior decoration to evolve an atmosphere in which men and women of culture find happiness and repose.

McDougall-Butler varnishes, enamels and paints are utilized in the creation of backgrounds against which the gentle play of manners is enacted.

It is because McDougall-Butler products "Refine Everything They Cover" that they are chosen for the rooms in which the spectacle of life is seen at its loveliest.

Samples will be sent you for the asking of three McDougall-Butler products—Zanzite, "the lily among enamels," Mattona, "the true mat finish," and Permanite, "a crystal-clear varnish."

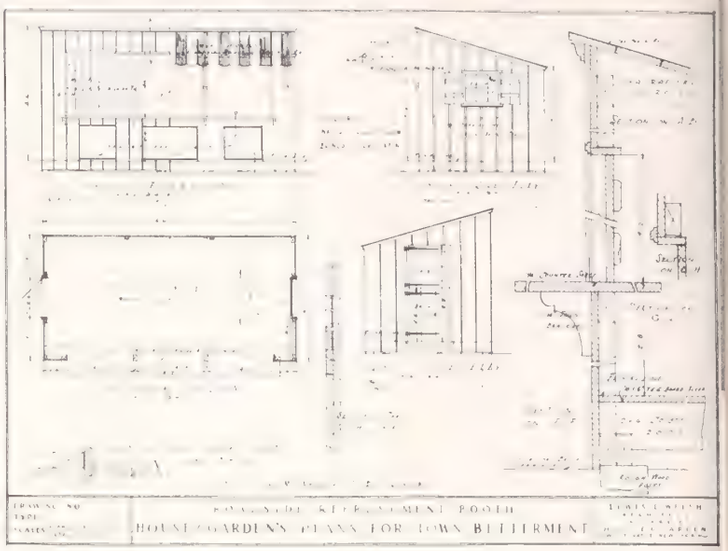
McDougall-Butler Co. Inc.

MAKERS OF

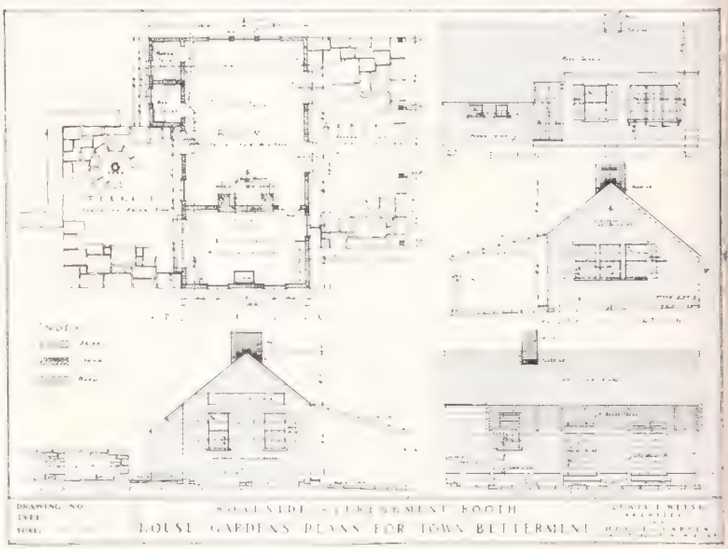
VARNISHES, ENAMELS & PAINTS

BUFFALO, N. Y.

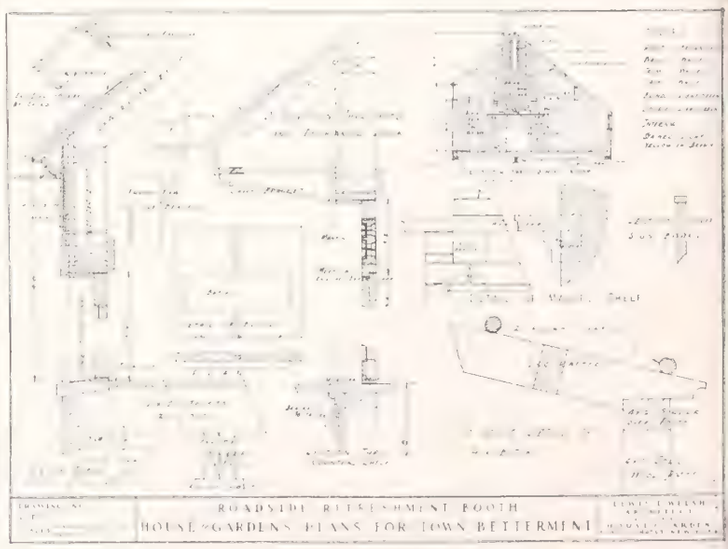
BOOTHS FOR TOWN BETTERMENT



The drawing for the smallest of the booth—Type A—gives all the necessary information for its construction



Type C booth requires two drawings: one for plans and elevations at quarter-inch scale and one for details at three-inch scale



The second sheet of the type C booth drawings shows all the details of construction at three-inch scale

Royal Doulton Bone China



"Strathmore"

BONE CHINA is one of the greatest triumphs of the Ceramic Art. Its composition was an age long secret of the ancient Chinese, a secret only solved by Old English Potters after many years of patient research. Its dominant ingredient is Bone Ash burned to perfect whiteness, imparting to Bone China superlative qualities of beauty and durability.

ROYAL DOULTON is justly renowned the world over for artistic design and decoration and is available at the best shops. Write for descriptive booklet, "Royal Doulton Series D."

William S. Pitcairn Corporation
104 Fifth Avenue, New York
Sole Agents for the U. S. and Canada



Made Entirely of PYRALIN

Easter Time Is Bird Time

A songster in a colorful Hendryx cage of Pyralin reflects the Easter sentiment and heralds the glad springtime. You will love this charming cage in its contrasty schemes of permanent green, amber, orange, black and white—it is so strikingly different. Let us send you a folder in colors.

There are over 500 Hendryx Bird Cages with Floor Stands to match.

"HENDRYX" BIRD CAGES
Since 1869

The Andrew B. Hendryx Company, New Haven, Conn.

YPSILANTI
Reed and Fibre FURNITURE

Neither the season of the year nor the [illegible] Ypsilanti Reed and Fibre Furniture. The beautiful and varied patterns are for practical service wherever and whenever furniture is used. Ypsilanti is the largest maker of furniture of this type in the world. Any product bearing the Ypsilanti [illegible] durability, as well as style and finish.

There are more than [illegible] reliable furniture dealers handling the Ypsilanti line. The names of these dealers you will be sent on request.

YPSILANTI REED FURNITURE CO.
Dept. C [illegible], Mich.

Largest Makers of Reed and Fibre Furniture
All Makers of Reed and Fibre Baby Carriages



WM. H. JACKSON COMPANY
ESTABLISHED 1827



Well Head, $1500

Unusual and distinctive
Italian Importations:
WELL HEADS · CIRCULAR SEATS
COLUMNS · FOUNTAINS · VASES
Inspection invited. Descriptive matter upon request.

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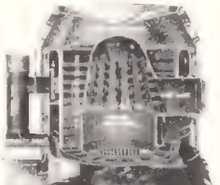
[illegible] L. T. Howes, Architect

A Roomful of Pure, Fresh Air Keeps You Well

It's the cold-air room—an integral part of the Kelsey Health Heating System.

Way down in the basement you find this room, open to the outdoors on one side. The fresh air is brought from this room into a huge cold-air duct—much larger than in any other heating system—then into the hollow, zig-zag, heat-enveloped tubes of the Kelsey Warm Air Generator. This **fresh** air is then warmed, automatically humidified, and forced into every corner of the home.

And so you breathe warm, **fresh** air, not hot, dead air. Warm air that keeps you comfortable. **Fresh** air that keeps you radiantly alive and "on your toes."



And remember that for the large or the more modest home the Kelsey, because of its peculiar construction, is decidedly easy on the coal bin.

You will get some valuable information about "Health Heat" from our new booklet, "Kelsey Achievements." Write us for it now.

See our exhibit at the Architectural and Allied Arts Exposition, Grand Central Palace, New York, April 20th to May 2nd. Space 322.

THE KELSEY
WARM AIR GENERATOR
(Trade Mark Registered)

237 James Street, Syracuse, N. Y.

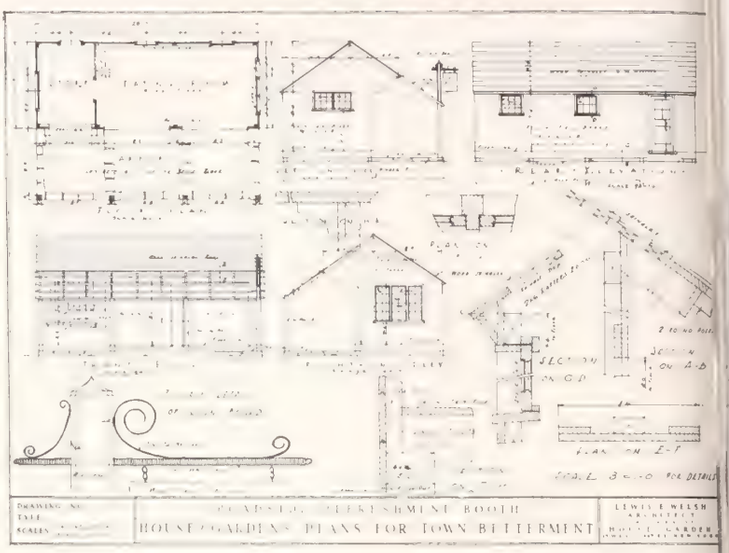
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KELSEY HEALTH HEAT

BOOTHS FOR TOWN BETTERMENT



Plans and elevations at quarter-inch scale and details at three-inch scale are given completely on the drawing for Type B booth

ON HOUSE & GARDEN'S BOOK SHELF

COLONIAL FURNITURE OF NEW ENGLAND. By Irving W. Lyon. Published by Houghton Mifflin Co.

Colonial Furniture, or a Study of the Domestic Furniture in use in the XVII and XVIII Centuries, has lineage as well as valuable material, for Dr. Lyon is a member of the Connecticut Historical Society and has based his book on antiquaries' records, old inventories, and books and papers of that period.

As far back as 1877, Dr. Lyon began to collect beautiful furniture in the vicinity of Hartford, and gathered a very rich harvest. About 1880 he began to study the American Colonial furniture of New England and in this volume is to be found the slowly accumulated knowledge of the subject, beautified by plates of actual pieces of furniture and ornament with, in every case, the key to its authenticity in the text.

This collection, for it is more than a book, is divided into seven chapters with very convenient titles: Chests, Cupboards, Chests of Drawers, Desks, Tables, Chairs and Clocks, followed by an Appendix and a very valuable index.

In the first chapter is a very nice discussion with evidence drawn from old biographical dictionaries of why chests could have been and were made in New England in the 17th Century! This may disturb some collectors and it may inspire others but nevertheless, the facts are here!

From old inventories and writings of the day, Dr. Lyon has given valuable data and in the chapter on cupboards, a very taking description from Comenius—the function of the "liverie-cupboard":

"Golden and gilded beakers, cruzes, great cups, crystal-glasses, cans, tankards, and two-ear'd pots are brought forth out of the cupboard and glass-case, and beeing rins'd and rubb'd with a pot-brush are set on the liverie-cupboard."—Janua Linguarum, Edition 1643.

The price lists in this chapter and in others are of tremendous interest. For example:

"1 livery cubbard, cubbard cloth 1 velvet cushen, 2."—Inventory of Henry Webb, Boston, 1660.

"By two small cushins to set on a cubbards head, 2."—Inventory of Nathaniel Upham, Malden, Mass., 1661-62.

"1 Cushion for cubbard head, 1 s."—Inventory of Thomas Sallows, Salem, 1663.

Etc., Etc.

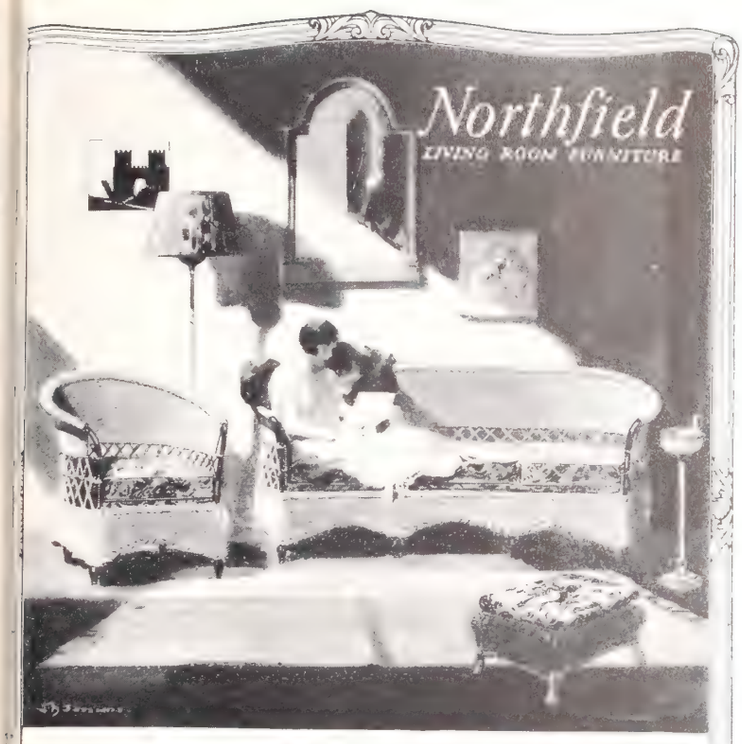
Under the heading Chests of Drawers, there is, of course, discussion of old brasses, with an interesting illustrative plate showing handles, (hardware) etc.

It is interesting to learn that the chest of drawers does not figure in English inventories until the early half of the Seventeenth Century! And as early as 1643 are they listed in New England!

Furthermore, the author puts the reader immediately in possession of facts which will save him from buying things with the wrong origin tag. For example, such pieces of wisdom will be found throughout the book —(The numbers are ours):

1. "A history of Windsor chairs in this country showing that they were in use in Philadelphia as early as 1736, much earlier than had been supposed.
2. "Proof of the early use of black walnut and mahogany furniture in this country. The former as early as 1688 and the latter as early as 1708. It will probably be found that mahogany was used for cabinet work in the West Indies or in South America considerably before 1708."

(Continued on page 170)



FIBRE-REED FURNITURE, hand woven by *Northfield*, is fashionably smart, and brings into the living rooms a fine proportion of harmonious color and comfort. Nothing better can be made in these materials. Many interesting designs and color combinations.

Other articles in Fibre-Reed to match suits—floor and table lamps, tables, desks, chairs, ferneries and smokers' stands.

All Fibre-Reed suits may be had with the famous *Northfield* davenport-settee. Settee, davenport, etc., protected. Look for trade mark "*Northfield*" at your dealer's.

Write for "Fibre-Reed by *Northfield*." If more interested in Overstuffed, ask for "Book of Luxury Rooms."

THE NORTHFIELD COMPANY · SHEBOYGAN, WISCONSIN
Makers of Good Furniture



What is it?

What is an automobile tire?

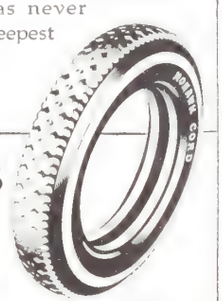
The dictionary calls it "a flexible tube of inflated rubber, protected by an outer casing."

But we at the Mohawk plant like to think of a tire simply as a package containing a certain number of *service miles.*

It is possible, of course, to do up a few miles in this package and fool the buyer for a little while. The package tells no tales.

You can look even a gift horse in the mouth and tell what you're getting, but you can't look into the "warp and woof" of a tire and count the number of miles it holds.

Fortunately, however, you *can* read the name lettered on its side, and discover whether or not it is a *good name*—a name that like Mohawk has never been found on a tire unworthy of your deepest confidence.



MOHAWKS
Go Farther!

THE MOHAWK RUBBER COMPANY . AKRON . OHIO



A New Home Book
for You

THIS book was published for the purpose of assisting home builders in the selection of permanent, comfortable and economical homes. It contains many pictures of attractive dwellings that are fire-safe and protected against discomfort in all seasons because their walls are built of Natco Hollow Building Tile. Your copy of "Natco Homes" will be sent free on request.

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NATCO
HOLLOW BUILDING TILE



LIGHT is friendly

Outdoor lighting has more than mere decorative value—it is convenient, is a safety factor, and is in harmony with present day taste—above all it is individual.

Quaint, attractive lanterns front and rear—overlooking the drive, on the garage, in friendly nooks in the garden, on the porch—all beam a friendly welcome. They are silent sentinels in the night, friendly to friends, and forbidding to enemies.

Novelty All Copper Lanterns become more beautiful with age—and are made in designs appropriate to present day ideas of home building and decoration.

Helpful Suggestions Sent Free. Our folder "Light Outdoors" contains helpful authoritative suggestions. Address Dept. A.

NOVELTY LAMP & SHADE COMPANY
2482 E. 22nd Street Dept. A.
Cleveland, Ohio



Handsome bracket and of the same harmonious design in a ceiling lantern and a pendant lantern.

Outdoor Lighting
LIGHT IS FRIENDLY



Now You May Have a Brick Home

THERE is no cost obstacle. The fallacy that brick is expensive has been smashed!

Your added investment for a brick home amounts to only a few dollars more than for a well-built house of less enduring materials.

Your savings in upkeep and painting will more than equal the slight difference in only a few years. You have the added advantage that brick homes have highest resale value.

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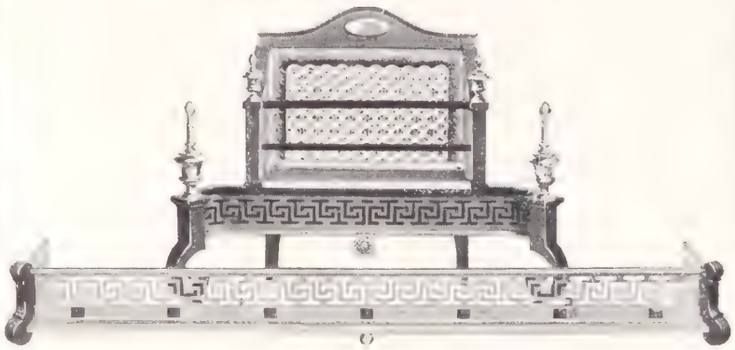
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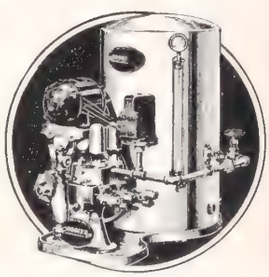
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Provides uniform temperature, true heating comfort

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This awning feature permits a free circulation of air at a time when circulation is most needed. The full-window-length opening permits this. Whereas the awning really retards ventilation because of its boxing-in tendencies.

These are now important features to consider, especially so when one considers that so small expense brings such advantages to every shuttered home.

You probably have regarded shutters as the architect usually does—from the points of beauty and finish. These are essentials, but they are made secondary by the practical uses to which Zimmerman Fasteners put all shutters.



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ZIMMERMAN
FASTENERS *for* SHUTTERS and CASEMENTS

ON HOUSE & GARDEN'S BOOK SHELF

(*Continued from page* 166)

3. "The proof that perhaps most of the carved furniture found in New England was made here."
4. "Evidence which renders it very probable that phrases—'livery-cupboard' and 'court-cupboard' were different names for the same piece of furniture, etc."

Such are some of the things which will be helpful to the collector or to the person who desires to obtain authentic pieces of colonial furniture.

Chocolate's debut is mentioned in the discussion of tables and their vogues, and were the space given us, we could write forever on the profound joy this book has given us in relation to information on all allied subjects, enchantingly delivered.

The Appendix has two documents showing the prices of furniture when it was made, which will be as interesting as it is upsetting to the modern collector. These prices are incorporated in reprints of the original document which gives them even more interest to the modern.

For novice and for professional, we recommend this as a work of real significance. We regret the high cost of it but find consolation in the fact that America has libraries where those who cannot buy, may read.

E. R. P.

HOME CONVENIENCES. By F. W. Ives. Harpers Handbooks Series Edited by W. C. O'Kane. Published by Harper & Brothers.

Professor Ives of the Agricultural Engineering Department of Ohio State University has added one other to the series, of so called handbooks, that Harpers has been publishing for many a year. In this book are taken up the various branches of household problems; ventilation, heating, refuse disposal, cupboards, laundry equipments, water supply and conditioning and the hundred and one other things that the home is heir to.

In a book of so slight bulk these huge questions cannot be gone into very fully, and so, as Dr. Ives is no magician, he has but touched on the various topics and given the reader a sampling of the many things to which the good home keeper should turn his attention.

It is because of brevity, probably, that in one place under refrigeration (Page 81) he suggests that all motors in the type of refrigeration are *water* cooled, while he says not, that many excellent ones are air cooled.

As a sampler then, the book is excellent. In treating of the steam plant and all the different heating methods, as well as his treatment of all the other systems such as ventilation, lighting and hot water he shines brightly. On the other hand in the discussion of the latter day inventions for the home he has not acquitted himself with so much splendor. For example he has omitted the newer things. It may be that he does not believe in them, yet such things as the wringerless washing machines, the newest electric floor scrapers and polishers and the subject of structural hardware are not mentioned.

He is confusing when he says, "one type of machine (washing) has a centrifugal wringer that is rapid in action". We doubt whether his readers will know whether he refers to a centrifugal wringer or to a wringerless machine.

In other words, then, this book is an amplified index and should whet the appetite and spur the reader to more than sample the various departments of household equipments.

The illustrations are exceedingly good and there are many of them. In each case they are just diagramatic enough to be clear and pictorial enough to be interesting.

We wish that in such a book as this that there were an ample bibliography instead of just three or four books mentioned, for it is just such a book as this that needs a bibliography, if it is to do its work thoroughly.

E. R. P.

A WANDERER AMONG PICTURES By E. V. Lucas. Published by Charles Scribner's Sons.

A traveler accosted an attendant in the Louvre with, "I have thirty minutes before my train leaves. What shall I do?" The guard replied: "Return to the depot."

Mr. Lucas has written his book for this type of hurried tourist man! In pursuance then of tabloid art knowledge, he has chosen the important galleries of London, Paris, Madrid, Milan, Florence, Rome, Venice, Vienna, Munich, Dresden, Berlin, Amsterdam, the Hague, Antwerp and Brussels.

He takes the reader or seeker by the hand, and points out the few pictures that ought not to be missed, rather than the many that should be seen. This is a high distinction, and worthy of accent in the gallery visitor's conscience.

Rarely does he discuss any picture over fifteen "lines worth", and in nearly every case one is treated to engaging incident, either in the making of the painting, its historic and art significance, or something that leaves with one a warmer, more intimate idea of what has been seen.

Mr. Lucas is known too well as a literary master of artistic and human saunterings, for us to dilate on his charming pen. Walking through galleries, woods, or the city ways, would necessarily be rare adventure with him.

The book has scores of beautiful plates, and the index of pictures in the book is of permanent service to its possessor.

E. R. P.

NATURE PRACTISE AND HISTORY OF ART. By H. Van Buren Magonigle. Published by George H. Doran Company.

At a recital of modern music some weeks ago, we heard the sincere sentiments of Olin Downes registered on the need of the modern American composer, to disassociate himself from surface things and become a part of the deep undercurrents of American life, for not until he does this, said Mr. Downes in his own words, can there be a real American musical art. In this book Mr. Magonigle has forcefully asserted in every attitude and statement the fact that art to be art must be a part of fabric of human life, associated with and never apart from it. His own words sum up the

(*Continued on page* 172)



This Library Fireside

with its blazing log, a good book and an easy chair and we venture to say anyone could pass happy hours on a chilly March evening.

To assure this comfort and to guard against insufficient heat, smoking and soot smudges, the fireplace should be built by Donley Fireplace Plans using the Donley Damper and finishing it off with Donley Andirons and Fire Basket.

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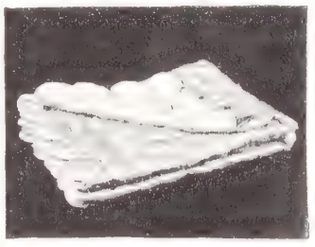
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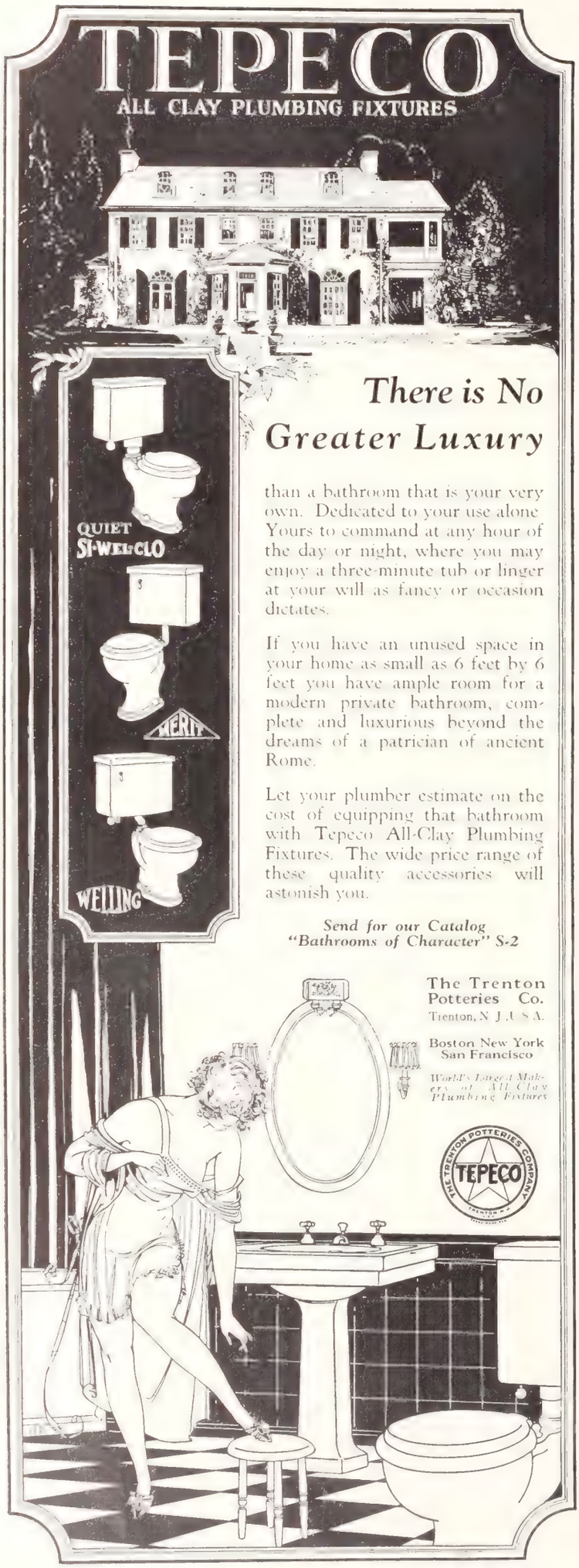
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WHEELER-OKELL CO.
103 Russell St. Nashville, Tenn.



1915 Mary ...ermore ...oster





ON HOUSE & GARDEN'S BOOK SHEL

(Continued from page 170)

thesis of the book: "IT (art) is not a separate stream running parallel with the current of human events; it is one of the threads of that current and the sweep of life and the progress of art are identical in movement."

With this as a basis of art inquiry, the history of art becomes another branch of the anatomy of life and as such, becomes illumined, and touched with the light of the imagination of special boatmen sailing the stream.

The writer divides his book into two parts, the first part deals delightfully for artist and layman with the subject of art from its earliest manifestations as a means of expression to the periods where technique manifested itself; a chapter on the artist himself . . . the artisan . . . the craftsman up through the guilds and art patronage and the artist's place as the recorder of living through all times.

From this chapter he takes the reader through a most enthralling few chapters on the technique of masters in the plastic and space arts. And too, we neglected to say, before these chapters on technique, there is one very valuable chapter on the principles that go through all forms of art.

So having read but this part, one who is thoughtful is endowed to understand the philosophy of art expression and has achieved much of the background of this record of human aspiration.

The reader then goes to history and philosophy of periods in art in part two, with a real equipment and as the statements throughout are further attested to by photographs of the sculpture and the paintings, this experience of art lore is enchanting. Thus, the second half of the book becomes not a listing of great painters, sculptures and periods of art, but a most vivid philosophy and history of the underfaiths and strivings of the world.

"Before the Curtain" is the name of the first chapter in the second division of the book and in it are explained the trends of the different eras past, present and future that made art what it was and what it is now and what it can be. The climate, the light, the industries, inventions, transportation, the governments, the geography and every condition is suggested to show that art is not excresence and fripperv but a fundamental expression and need.

The book is necessarily all too brief. This is its great fault. The photographic plates are apt and well produced. As a gift or as a possession for layman, student or artist, it will be appreciated and kept. It is a compendium of inspiration and knowledge sympathetically and not sentimentally arrived at.

E. R. P.

TABLE DECORATIONS, by Edna S. Tipton. Frederick A. Stokes Company.

The clever hostess knows the value of a perfectly appointed table, one correctly set and charmingly decorated. It adds zest to even the best of foods and its restful effect after the wear and tear of the day cannot be overestimated. But no matter how ingenious and clever a woman may be in the matter of table decorations, she is always able to give the time neces to planning unusual and distinc arrangements. She as well as the hostess who desires to have her t as charming and attractive as the of the house will welcome this b which treats in a comprehensive m ner of table arrangements for p tically every occasion.

There are practical and orig ideas for table decorations for s events as Christmas, the various h days throughout the year, weddi anniversaries and children's parties well as suggestions for spring, s mer, fall and winter tables. The scriptions are clear and brief. book is profusely illustrated with tures showing tables correctly set various courses as well as the diffe types of decoration. The arrangeme for the most part are simple and many cases artistic. They offer innu erable suggestions to the busy hos who desires to have her table tinctive as well as beautiful.

MODERN ENGLISH ARCHITECTURE, by Charles Marri Charles Scribner's Sons.

On looking over the illustrations this recent book, there was a first i pression that the author had made very bad case for all of English Arc tecture except in the division of co try houses.

Upon reading the author's introd tion, however, it becomes immediat apparent that here is a book w worth reading, whether by archite or laymen. Here is the introducti in full.

"The excuse for this book ab architecture by a layman is the opini of architects that such might help a better and more general appreciati of the subject by presenting it broader outlines and relations, and more familiar language than wou be possible in a technical or histori treatise. That something of the s is needed is shown by two comm attitudes to architecture. On the o hand you have the modest household craving beauty in his home but afra that architecture is over his head, not beyond his means; on the other t 'practical' person, able, perhaps, afford extensive building but co temptuous of what he would c "architectural trimmings". One su ject of this book is to show that bo fear and contempt are not only u founded but in vain; that you cann in fact, build, buy or rent the small house without getting mixed up wi architecture. A second object is to pe form the humble but useful service telling people who did what. A thi object is to do something towar breaking down the watertight co partments into which the arts of arch tecture, painting and sculpture a commonly divided."

Here, at once, is evidence that M Marriott has something to say, a that he does not mean to say it wi any of the usual balderdash of t caste critic. And the whole book be out this premise, and, besides, is jol good reading.

This kind of thing means somethi and tells you something: "The simpl

(Continued on page 174)

Convenience



Wt a convenience ing water is in the kitchen, laundry barns; what labor ves and what com- it brings! Many living on farms do ave running water eir homes because *think* it is expensive, and have r investigated the cost. Goulds ps and Water Systems have ght comfort and convenience to sands of users, and in many shave actually saved them money.

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end for our free booklet H, ch describes our complete line electric and engine driven pumps water systems. There is a ulds Water System for every se and for every purpose.

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INTERESTING and valuable information for everyone who plans to build a home is presented in vital form in two publications dealing with sidewalls and exterior and interior trim.

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Please send me booklet suggested in your advertisement in The American Home for April.

Name

Street No.

Place

AEROLUX NO-WHIP Verticolor PORCH SHADES



NOW comes *Verticolor* to add new and desirable color contrast to the porch. Broad ribbons of soft, water-proof colors, hand-blocked on Aerolux Shades, will set off the house perfectly and bring it into closer relation to the grounds.

See Verticolor, *the new type Aerolux Porch Shades at your dealers. Write for free booklet in color on "Better Porches".*

This new development of the makers of Aerolux Porch Shades, will give the same comfort features and full length ventilation that make Aerolux the preferred porch shade, with the added exterior beauty that decorators want.



Look for the Aerolux patented features that make it easy to install, easy to operate and that make it impossible to whip or rattle in the wind.

The Aeroshade Company, 2530 Oakland Ave., Waukesha, Wis.

VENTILATE FROM TOP TO BOTTOM



Mat $1.50.
$1.50.

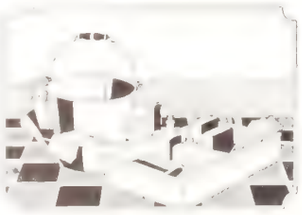
"For poisonous, wheezing Spring has come"

— *"April Song,"* by Don Marquis

It's all very well to talk about joyous Spring. But the housewife greets Spring with thoughts of cleaning the house and starting the garden. She thinks of backaches and mud.

Leave it to Lewis & Conger to think of the housewife's Spring problems. To be thinking of plants to be set out and seeds to be put in. Wherefore, we collect equipment to lighten such tasks and to give Spring at least a chance to be joyous.

Here are a few suggestions. Send for complete booklets of housekeeping and gardening equipment.



brush and cloths. Prevents water spilling. in red, yellow, pink, blue or white finish, $5.75.
$3.25.

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45th Street & Sixth Avenue
"A Houseful of Housewares"

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"Yes—we feel we did the children a real good

when we chose

Beautiful **birch**

for our new downstairs trim. Next comes the upstairs—and even before that, some good pieces of 'Beautiful Birch' furniture."

Very hard to dent or mar, as well as very lovely in grain and texture—that's beautiful **birch**.

A permanent investment, and a lasting delight—that's **birch**.



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Why not write for the **birch** Book today? It gives you all the facts about this hard but beautiful wood. It comes promptly—*free* on your request.

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Make your Ice Box a Frigidaire

How Your Ice Box Is Quickly Converted Into a Frigidaire

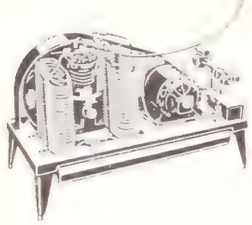
1 *The frost coil is placed on the ice compartment of your refrigerator as shown above.*

2 *The compressor [illegible] placed in the basement or other convenient location.*

3 *The frost coil and the compressor are connected by two small copper tubes, and a connection made to your electric wires.*

That's all. Your refrigerator becomes cold and stays cold.

You have Frigidaire electric refrigeration.



IT'S EASY. The cake of ice now in your refrigerator is replaced by the Frigidaire "frost coil", which is *colder than ice and never melts.* You enjoy, immediately, the full convenience of Frigidaire *electric* refrigeration.

Frigidaire maintains a constant, *dry* cold—keeps food fresh and wholesome in any weather—makes dainty ice cubes and delicious desserts—saves the possible annoyance of outside ice supply—adds greatly to the convenience of housekeeping. And Frigidaire is *not* expensive. In many localities its operation costs less than ice.

There are thirty household models of Frigidaire—eleven complete with cabinet, and nineteen designed for converting present refrigerators into Frigidaire. There are also Frigidaire models for stores, factories, hospitals, schools and apartments.

Frigidaire—pioneer electric refrigeration—is backed by the General Motors Corporation, and by a nation-wide organization of over 2,500 trained sales and service representatives.

Write for the Frigidaire book, "Colder than Ice." It gives complete information.

Prices:
(f.o.b Dayton, O.)
Frigidaire
complete with cabinet
$245 up
for converting present refrigerators into
Frigidaire
$190 up

DELCO-LIGHT COMPANY
Subsidiary of General Motors Corporation
Dept. P-11, Dayton, Ohio

Makers of Domestic Electric Power Plants, Electric Pumps, Electric Washing Machines and Frigidaire Electric Refrigerators

PRODUCT OF GENERAL MOTORS

Frigidaire
ELECTRIC REFRIGERATION

ON HOUSE & GARDEN'S BOOK SHEL

(*Continued from page* 172)

building is capable of architectural treatment, that is to say, organization of its esthetic appeal". It is refreshing to read a whole book full of definite and well-reasoned reactions to architecture, for Mr. Marriott's excellently lucid commentary can be applied to our own architecture as well as to that of England.

Among other things this book gives the best account I have ever read of that misguided romantic "Gothic Revival" which took place in England and sorely afflicted this country in the 19th Century.

In his chapters on "Civic" architecture in England, we cannot but feel that in this type of building most British architects leave us cold. It is not that their works are not well-studied and articulated in an authoritative manner, but that they give an effect of aloofness and pomposity. Our own civic buildings are little enough cause for any feeling that we have a great margin of superiority, but we do seem, at least, to get them a little nearer to people, and a little less in the realm of architectural abstractions.

If lay writers, however, can say as much in their writings as Mr. Marriott succeeds in saying in "Modern English Architecture", more lay writers should be encouraged to follow his example. But the great majority of lay writers, I am afraid, would succeed only in misleading their readers with a medley of unreasoned personal opinions and not even adhere to simple architectural facts. In spite of which, this book is a challenge to any Marriotts we may happen to have in this country, hitherto bashful on the matter of breaking into print with opinions which they may have feared would be laughed to scorn by architects and flayed by the Federated Union of Professional Critics.

M. P.

OLD ENGLISH FURNITURE. I. The Oak Period, 1500-1630, by J. T. Garside. Charles Scribner's Sons.

In this country we sometimes bring out a thorough and scholarly book on architecture or the applied arts; in England they do it very frequently. Specifically the house of B. T. Batsford has brought out more of the finest special books of this kind than any publisher in the world.

The latest Batsford book published here by Scribner's is the first of a series of books on old English furniture, by J. T. Garside.

If we had thought that there were already enough, or too many books on old furniture, this first volume by Mr. Garside would point the moral that there is always room, and welcome, for a really good book on any subject.

In remarkably concise form, in fact, literally, a hand-book, the author presents a survey of old English oak furniture from the year 1500 to 1630 more lucidly informative and illustrative than any book on the subject we have hitherto seen. The foreword states a part of the author's purpose, modestly enough, as an intention to help the reader "to be able to make systematic observation of dates, sizes, structures and ornamental details of antique furniture". Most valuable of all, the evolution of design is stressed throughout, giving a distinct impression of the growth of one phase furniture design from another, so t the actual feeling of style is acqui through the senses rather than thro mere verbal exposition. Design, in real analysis, is a thing of execut rather than of words. It can be in preted but tends to become hopele obscured by verbosity.

Mr. Garside has accomplished great deal by abridging his text giving more space to a set of thi carefully drawn detail plates show table legs, bed-posts, pilasters, corb finials, feet, panels, carving, mou ings, capitals and hardware charact istic of the furniture of the per covered by this first volume of series. The drawings are rather markable in that they achieve exac tude without being hard and mecha cal; they are accurate free-hand dra ings which succeed, with a real qual of subtlety, in conveying the feeli of the wood they represent.

If the subsequent volumes in M Garside's series carry on the practi and keenly interpretative quality this first one, he will have made a p manently valuable addition to ref ence works on historic furniture.

INTERIOR DECORATION FOR TH SMALL HOME, by Amy L. Rol The MacMillan Co.

There is no longer any excuse f ugly or undistinguished interiors. Va ious magazines devoted to interi decoration as well as innumerab books on this subject point the w towards livable and attractive room A book on the subject of home decor tion serves a dual purpose. It saves t woman faced with the problem furnishing a home and unable to em ploy the services of a skilled decorat both worry and mistakes and offe valuable suggestions in the matter color schemes and furniture arrang ment. And it equips the woman who house is already an accomplished fa with the necessary knowledge remedy mistakes due to ignorance the beginning.

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A direct and thoroughly helpfu book enhanced by many attracti photographs of rooms furnished sim ply and in good taste.

BUNGALOWS, CAMPS AND MOUN TAIN HOUSES, compiled by Willia Phillips Comstock. William T. Com stock Co.

We might feel impelled to marv at the temerity of publishers in puttin forth so frequently books on bunga lows, if we did not know from firs hand experience that the demand fo them seems to be practically unlimite and continuous.

The most distressing thing about th

(*Continued on page* 178)

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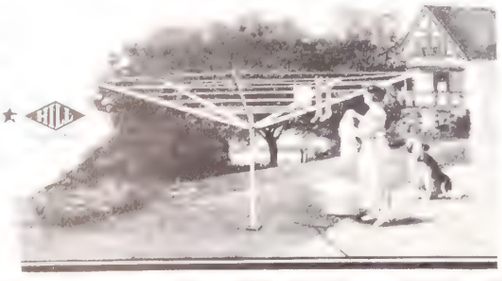
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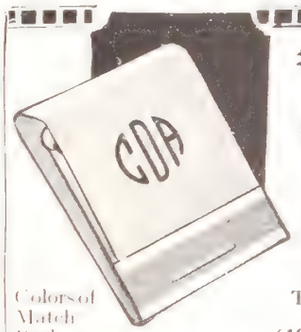
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ON HOUSE & GARDEN'S BOOK SHELF

(*Continued from page* 174)

situation, however, is that there is still an appalling proportion of bad design and inadequate understanding on the part of bungalow builders. We would say that this proportion exists "in spite of" the efforts of many publishers, with their frequent bungalow books—but the sad fact is that it exists "because" so many of the books publish bad designs. And people have a way of thinking that anything published in a book is good. If people could pick out the good ones, they could find plenty of them in this book, and in most other bungalow books we have seen—but why risk it to people's ability to pick good designs? Why include any poor ones? Perhaps there aren't enough good bungalow designs to bulk up a book that would cast a shadow if held edgewise to the sun—but we believe there are, if a sufficiently assiduous search were made. It would be worth trying, anyhow.

In the book here under consideration, the title page describes it as "Containing a large variety of designs by many architects, showing homes in all parts of the country, many of which are suitable only for summer use while others are adapted for permanent residence. Camps, hunting lodges and log cabins are also presented, suggesting designs for vacation dwellings in woods and mountains". Also, the title page tells us this is a third edition, "revised and enlarged". We were right about the "continuous demand".

Certainly no prospective builder of a bungalow could fail to get help and suggestion from the array of bungalows illustrated, and enough of them are of good design to predicate a proportion of something like seventy-five percent of good bungalows if followed as models. And in any case, the many plans illustrated are of the greatest value. Yet even if they were all of absolutely excellent design, nothing has been discovered that will prevent people from taking an excellent design and, with a "few slight changes", making an atrocious adaptation of it. M. P.

"Spanish Details" contains the photographs of twenty-three patios—and in them one sees the incidental and informal planting of vines and shrubbery—and the bright colored tiles against the plain stucco walls as well as the loggias, surrounding the courtyards or patios.

In one plate showing the patio and loggia of Asilo de Los Cures Venerables in Sevilla—to quote Mr. Bottomley, "Against the pure white of the stucco walls the soft red of the brick pilasters and the pink stucco of the frieze panels and archivolt make an agreeable contrast. The tile pavement is red, while the concentric steps of the fountain and the wainscot are tiled in white, blue, brown and black, with minute touches of yellow."

Also are there five ceilings shown in detail, more than twenty of the loveliest doorways one could imagine, all applicable for use in this country (Mr. Bottomley has made detailed drawings of a great many of them), fountains of great beauty and many grilles, windows, stairways, gates and other details of Spanish architecture.

Hilda Emery Davis

The Secrets of Many Gardens. By Mrs. Philip Martineau. Published by D. Appleton and Company, New York.

The author of this entertaining work is that vivacious, energetic and tireless Englishwoman, who, after twenty years of enthusiastic devotion to finding out all the possibilities of her own garden wrote a book, "The Herbaceous Garden," in 1913. Its excellency was proved by the deluge of requests that came from France, Germany and America for help in constructing or making over other gardens. Thus came the opportunity to learn from other gardens and from other countries. To her own thoroughly assimilated first-hand knowledge of plants and their ways and their needs she added, by means of obviously extraordinary powers of observation, attention and retention, revealed in part by her accuracy in the use of names, whatever could be found by persistent searching after flowering and ornamental plants, choice fruits and good vegetables. She plans and constructs a large rock garden within the three days that elapse between the time of receiving the commission and the departure of her steamer. She makes gardens in New England and finds in the Arnold Arboretum flowering and fruiting shrubs and trees to recommend to American gardeners, whose richness of native flora she envies. She discovers attractive wildlings in the Grand Canyon, in Yellowstone National Park, in California, in Roumania, to whose flower-loving queen in that land of the Iris this book is dedicated, in Greece, in Switzerland, in the Riviera, not to mention lands nearer her own. Her secrets are all charmingly told, about not only how to make gardens of various types, but how to make soil also, cement, jelly and money even, for there is sensible advice about buying seeds and plants and selling produce and keeping account with gardeners and the cooks to whom the gardeners make delivery, with a chapter on gardening as a means of livelihood for women thrown in for good measure. Dessert fruits have opinions expressed upon them with the true zest of an epicurean who reveals in matters of vegetables and ways of preparing and serving them preferences as decided as those for certain roses and dahlias and the many points that enter into garden design and upkeep.

F. B. M.

Shrubs for Amateurs, by W. J. Bean. Published by Charles Scribner's Sons, New York.

No person in the world has better means for learning about shrubs than the Curator of Kew Gardens. It may be doubted if any one could present the subject, in so limited space, with more skill. In accuracy and sufficiency of description and prescription and in clearness and neatness of expression the little volume is a model. Within the pages devoted to practical topics the one statement that is not altogether consonant with American practices is that "transplanting should be done at

(*Continued on page* 180)



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Gentlemen: I enclose $[illegible] for one DOUBLE ROTARY Sprinkler. Be sure to [illegible] prepaid to address [illegible] according to your Satisfaction or Money Back Guarantee.



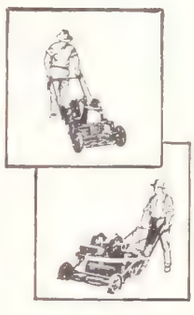
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IDEAL Power Lawn Mowers

Equipped with "Bulldog" cutting units

(114)

ON HOUSE & GARDEN'S BOOK SHELF

(*Continued from page* 178)

a time when the roots can most quickly recover from the injury unavoidably done to them, and such a time is either in the autumn before activity ceases or late spring just after it has commenced." In the general treatment of Propagation the only defect lies in not telling about the callusing of hard-wood cuttings by burying them or keeping them in moist moss in a cellar through the winter. The increasing of different species, however, is handled in connection with the detailed description of each, in the major portion of the work. This is preceded by lists of shrubs selected for various sites and purposes. In the descriptions the author might well have included diseases and insect pests and remedies. The descriptions reveal what shrubs can not be safely used in climates less moist and varying to greater extremes than that of the British Isles. They usually call attention to the most desirable varieties. Rhododendrons and Azaleas, because there is given to them an entire volume in this series for amateurs, are left out; but it is strange that bush forms of laburnums are skipped and that *sorbaria* is not mentioned, even among the spireas, and that the pretty Double Flowering Almond was passed by. The fifteen illustrations are as good as could be expected in a book of price so low.

F. B. M.

HARDY BULBS FOR AMATEURS, by the Rev. Joseph Jacobs. Published by Charles Scribner's Sons, New York.

Of course this is a delightful little book. It treats of those most fascinating subjects of the garden, those small almost magical globules out of which even the ignorant and unskilled can draw, in bewildering variety, the prettiest flowers. The various possibilities are so enormous that it has been found hard to pick for amateurs not species only but varieties also. The versatile and facile author,—and herein is another cause of attractiveness,—has found it hard to restrain himself. His concluding chapter on Omissions tempts one to experiment. But he tells how to select and to manage the hardy bulbs and corms, except the lilies, which are to have in this series a book to themselves. The rhizomatous and tuberous-rooted plants also, which are not much different from those that grow from bulbs proper, have been passed by. In matters of history, description and cultivation there is nothing novel nor extraordinary, while arrangement, in the case of tulips, for bedding and color effects, is touched upon lightly. But for the class of readers in mind everything essential is made plain and pleasant, for outdoors and indoors. For the more experienced gardener too there is much that ought to be known concerning bulbous flowering plants other than the tulip, the narcissus, the crocus and the hyacinth, even about some exquisite gems, including species or wild tulips, that the Federal Horticultural Board still permits to be brought in from the world's workshop of bulbs. In addition there are some charming things of which excellent varieties are made in America, notably the Erythroniums or Dog's-tooth Violets.

F. B. M.

THE BOOK OF GARDENS AND GARDENING, edited by Reginald T. Townsend. Published by Doubleday, Page and Company, Garden City, L. I., N. Y.

Variety and range, from the humblest backyard plot of vegetables to the castle-like mansion upon the cliff near Newport, mark this kaleidoscopic collection of pictures and paragraphs. By culling from *The Garden Magazine* and from *Country Life*, magazines noted for richness of illustrations, the most attractive articles that for the past several years have been contributed on any of the many various topics of the garden, has been made a book that to any householder, no matter what his condition, must be stimulative and suggestive. All the articles are popular in character and many are very sketchy and skimpy; but most are reliable and fairly satisfactory for their practicalness, one must admit, considering the diversity of topics. Even topiary work is given a place, occupied by pictures only. A few specialties are given separate treatment,—the Chrysanthemum and Dutch Bulbs. It could be wished that along with each part of the book had been put a bibliography, with characterization of each work referred to, so that the incentive given by the enthusiastic text and alluring pictures might be properly guided to all details making for perfection. But the general difficulty with a work like this consists in the lack of well considered perspective and lack of well considered foundation upon which to base comparisons. Even with the scope of one of the articles, conceived within evidently narrow confines, there are included among the "Must Haves" Pyrethrums, Hardy Asters, Sneezeworts and Orange Sunflowers, while no mention at all is made of the Peony and the Gladiolus.

F. B. M.

GARDENS, A NOTE-BOOK OF PLANS AND SKETCHES, by J. C. N. Forestier, translated by Helen Morgenthau Fox. Published by Charles Scribner's Sons, New York.

This large volume sustains, upon every one of its expansive pages, the reputation of the French people for style. It is a stylish book for stylish persons. Rustic gardening in all its phases, including rock gardens, is tabooed; everything is most trim and tidy and elegant; but everything is fine and dignified and appropriate. Many of the designs are sumptuous and all are correct and in exquisite taste; in fact, as the translator asserts, "the plans are like a beautifully written French essay, where every phrase is so clear that the meaning is instantly understood" and they constitute a lesson of universal application, as they possess the qualities that all gardens should have. They summon back what has been too much lost in these recent times in America, namely the charms of seclusion within walls of greenery against which may be brought out more vividly the colors that somehow we Americans particularly have been too squeemish about using with freedom. With free use of pavements also and ingeniously set-

(*Continued on page* 182)



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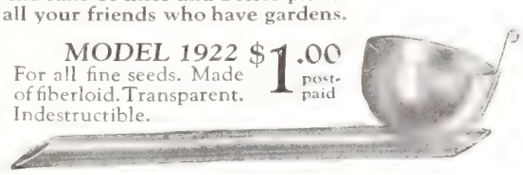
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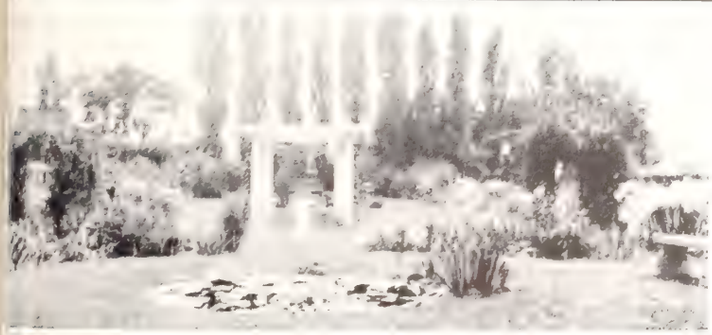
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Uncommon Flowers
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From mid-June to autumn the garden of uncommon flowers is strongest in appeal. A second look is seldom given to ordinary plants, but you and your friends linger over the Waterlily pool, charmed by the fragrance and the colors—pink, purple, red, yellow, blue, and snowy white.

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pictures [illegible] Waterlilies, recommends varieties, tells how to plant and care for them, and describes the best kinds for pools and ponds. Send for [illegible] and plan for an uncommon garden this summer.

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This really remarkable book tells all we know about roses—what they won't do, and what they will. Describes their virtues and their faults with all a friend's keen insight. Now, you can select your roses with all the facts at hand. "The Star Guide" takes out all the guess work, all the wondering.

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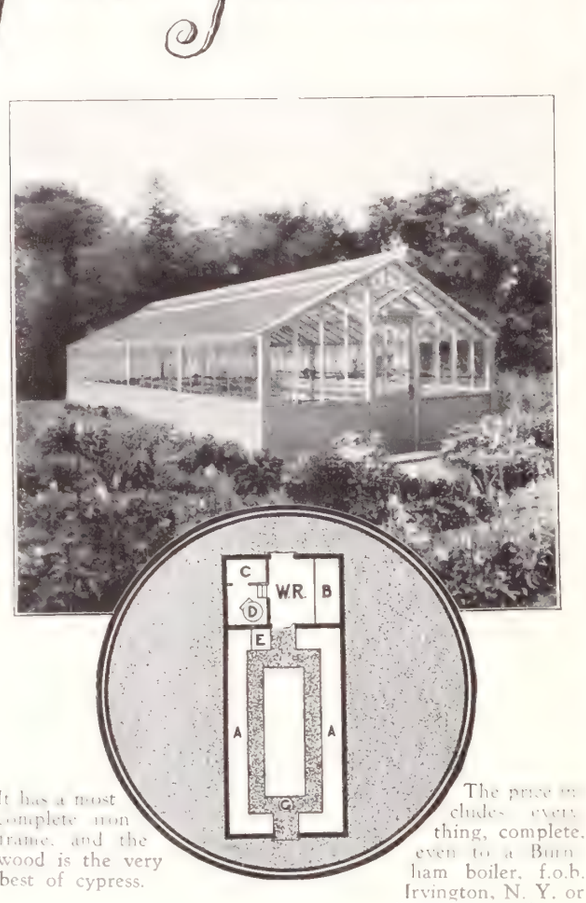
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WHEN you buy a greenhouse or conservatory, you buy something for a lifetime. A lifetime of pleasure and endless satisfaction.

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ON HOUSE & GARDEN'S BOOK SHELF

(Continued from page 180)

in seats in sheltered nooks, from which really to enjoy the air outside the house, every square foot of the premises is used. In but few plans is space given for a garage, so that there is derived an urging to save money too generally consumed in gasoline, and in automobiles that as property are almost as volatile as gasoline, in order to enjoy the pleasanter smells of flowers and the salutary exercise of pruning and ingeniously shaping walks and walls that shall contribute toward making the home a place attractive to live in.

Thus, while the plans are too elaborate and too intricate and costly to execute outside of France and Spain, they will give to the earnest student much of that heritage of beauty brought by the Muslims from the wonderful art of the orient. The plans are not mere plans, for each one is skillfully combined with the perspective so as to make a picture, with the house and all the structures set into finished surroundings.

F. B. M.

AMERICAN HONEY PLANTS, by Frank C. Pellett. Published by the American Bee Journal, Hamilton, Illinois.

This is the revised and enlarged edition of a work that is noteworthy not only because of its being the first book on Honey Plants in the English language. The author is an able naturalist and reveals a general understanding of plant life and of human life, as well as of those interesting insects so important and really indispensable in enabling plants to produce seed and to bear fruit and at the same time so serviceable to man in gathering what might be called a very valuable by-product of the plants. There is of course no need to discuss the fertilization of blossoms by bees in this book. It is composed with the producer of honey alone in view. Yet it makes a splendid contribution to the study of botany and to practical pomology and agriculture in general. The three practical pursuits are interdependent to a great extent. But the main object is to aid in bee-keeping. Accordingly there is treated every plant that yields any considerable amount of nectar or wax; and many in this category meet the layman with surprise. The names are arranged alphabetically and within the one alphabet are placed, very sensibly, other topics,—the name of the state of the Union, Alaska, Hawaii, and the lower provinces of Canada, with a succinctly summarized treatment of the honey-producing plants of its different sections, Nectar and Nectar Secretion. Physiology of Nectar Secretion—displaying exact observation and analysis and true science—, Poisonous Honey and Weather and Honey Production. What is said about poison in honey controverts the general impression that has prevailed since the time when Xenophon's soldiers became ill, some of them fatally, as a result of eating honey gathered from the *Rhododendron ponticum*. Honey is rarely poisonous to any one after it has been allowed to ripen by standing and much good honey is gathered from plants that in one way or another are poisonous.

The nearly two-hundred pictures and maps are clear and are placed each where they ought to be. The principal use for the book is in its helping to locate wisely the man who contemplates the industry upon a large scale and in its directing all bee-keepers in their efforts to provide conveniently near good and abundant forage that shall yield honey of the best quality.

F. B. M.

WOODS USED *in* ENGLISH FURNITURE

From THE OLD-WORLD HOUSE, *by Herbert Cescinsley: courtesy of the MacMillan Co.*

ACACIA
A white, hard, durable wood, sometimes used for chair frames.

ALDER
Sometimes employed for the rails of "stickback" Windsor chairs of the old-fashioned "hooped" pattern of the kind which in the later eighteenth century were usually made with elaborately carved central splats.

AMBOYNA
A native of the West Indies. Is nearly always found, in eighteenth century furniture, used in veneers, either for covering whole surfaces, or for inlaid panels or bandings. It has a rich yellowish-brown color with a very close "bird's-eye" figure.

APPLE
See description of Pear, which applewood resembles. It is very hard and heavy. It is much used for mallet heads and turnery.

ASH
Native of Britain, Europe, America and North Africa. Wood pale yellow and liable to twist. It possesses great elasticity and tensile strength, and is used, in eighteenth-century furniture, for the backs of Windsor chairs of the hooped type. When pollarded and cut into veneers, ash is used for inlaying and veneering.

BEECH
Large tree, common in Britain and Europe. Wood yellowish-white with speckled grain; used for cheap chairs of the Windsor kind, and for seat-rails of chairs and rails of four-post bedsteads.

BIRCH
Wood hard, yellow, sometimes with fine figure resembling satinwood. Used for cheap, but rarely for fine furniture.

CAMPHOR WOOD
North Borneo. Is strongly redolent of Camphor, and used for lining large linen chests.

CEDAR
Wood soft, pinkish or brown and fragrant. Very wasteful owing to amount of sapwood which has to be cut away.

(Continued on page 186)



BEAUTIFY your home and garden

Your home deserves beautiful surroundings. Perhaps one of the attractive articles illustrated will add just the touch of beauty and charm your yard or garden needs.

As America's largest producers of quality garden equipment, we can quote unusually low prices. Prices shown are for cash, f. o. b. factory. You may order direct from this advertisement. Or send 30c for Catalog P 34, filled with suggestions.

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The Coldwell Model "L" Dependable Motor Lawn Mower and Roller mows and rolls its own gasoline. When equipped with [illegible] it mows [illegible] and is [illegible] In service. More detailed information upon request.

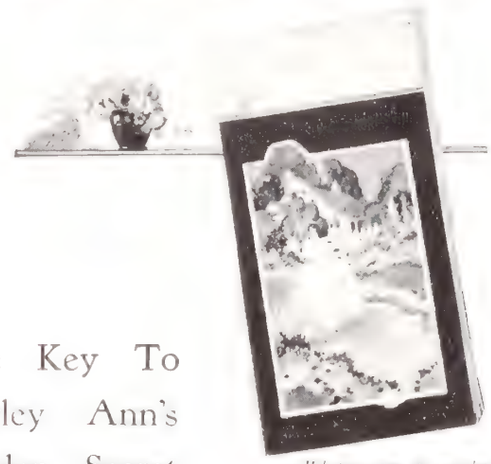
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She gave it to us. And now we are giving it to you. Giving it to you in this delightful, colorful treasure filled catalog of ours.

In its pages you will find among other treasures all the things that have so long made Shirley Ann Garden treasure of neighbors and friends.

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We should charge at least a dollar more for it. But as one garden sweet to another, we will send both the Treasure Box and Shirley for 50c postpaid to anywhere east of the Mississippi.

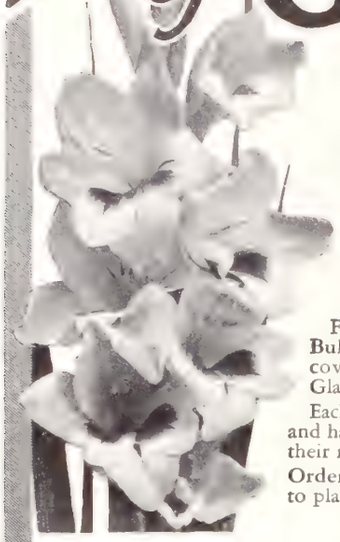
The Treasure Boxes are all packed ready for sending to you at once. I'll attend to its sending myself, to make sure there are no delays. Send your check, money order or P. O. [illegible]

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Each year we sell thousands of these bulbs and have received numerous testimonials as to their merits.

Order Your Bulbs Now so as to have them to plant when you begin making your garden.

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— SMALL LOT LAWN



Lawler's Victoria

FILL YOUR POCKETS with Lawler's American-grown Narcissus bulbs. Take a spade with you. As you walk about, select moist spots which the sun reaches. Lift the soil with the spade. —drop in a few bulbs, cover well and pat down firmly with spade or foot. The very first spring after planting, your estate, city garden or lawn, will be bright with the golden glory of these lovely flowers—the natural beauties of the wildwood will be yours. Lawler's bulbs are acclimated—hardy—stand freezing as well as trees or shrubs — increase from year to year — form colonies.

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Four varieties are recommended: Lawler's Victoria—large, creamy-white petals with broad, beautifully flanged yellow trumpet, $1.00 per dozen, $7.50 per hundred, $65.00 per thousand. Lawler's Sir Watkin—pale yellow petals, four inches across and a bright yellow cup, frequently tinged near the mouth with orange, $1.00 per dozen, $7.50 per hundred, $65.00 per thousand. Lawler's Conspicuous—refined, soft, yellow petals with a wide-mouthed yellow cup rimmed with orange-scarlet, 75¢ per dozen, $6.00 per hundred, $45.00 per thousand. Lawler's Recurvus—Poet's Narcissus—small white flower with brilliant red eye, 50¢ per dozen, $4.00 per hundred, $30.00 per thousand. Parcel Post or Express additional—add 20% for transportation.

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The George Lawler Gardens, at Gardenville, Tacoma, Washington, are a Pacific-Northwest show place. The August Garden Magazine paid Lawler's American-grown bulbs a beautiful editorial tribute. Orders are being accepted now for shipment later this summer—for September planting. Bulbs are dug and cured only for orders actually on file. If you would obtain Lawler's American-grown, superior quality bulbs, send in your order at once. Volume of business that will be accepted is limited. Delay in ordering means disappointment. No order under $2.50 accepted. Orders handled in the order received. Address George Lawler, Gardenville, Tacoma, Washington. His catalog, featuring more than a hundred varieties of American-grown bulbs, on request.

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Oriflamme—Orange-scarlet red
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A bulb of this beautiful dahlia will produce a large bush, often carrying 40 or more blooms at a time. This is just one of our many prize selections—and is equal and often better than most growers sell at $5.00 to $10.00 each. Our price for the "Orange King" is only $1.00. Take advantage of our special offer and secure one of these without extra charge.

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Many times your dahlias have started to grow and developed fine foliage, but never produced flowers, or have developed only a few poor blooms. Our free book tells you the cause and the remedy and many other treatment that will help you grow Dahlias better than your neighbor [illegible] Write today for your catalog.

Missouri Dahlia Farm Co., Inc.
Largest Growers of Dahlias West of New York
R. R. 14, Box 108A, St. Louis, Mo.

Special Offer

We will send you our special selection of 7 assorted Dahlias, [illegible] Send no money. Write today and say you will take "Orange King" [illegible] Supply limited. Act quick.

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The perfect driveway is readily obtained and easily maintained by the use of Solvay Calcium Chloride, a clean, white, deliquescent, chemical salt which has the peculiar property of attracting moisture to itself, and quickly combining with the surface to which it is applied.

While absolutely odorless, and harmless to rubber tires and shoes, horses' hoofs, clothing, etc., Solvay Calcium Chloride is a sure destroyer of weeds as well as a perfect surface binder and dust preventive. It will not track or stain.

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Solvay is ideal for tennis courts—prevents dust and weeds, keeps the court hard and resilient and relieves sun glare.

Packed in air-tight steel drums, Solvay comes all ready to apply; a shovel is all you need to do the work properly.

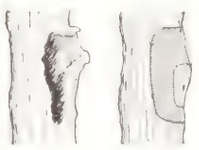
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Today tree repair work is as easy as making a willow whistle. A few minutes' work, plus $2 or $3 worth of material and simple tools will enable you to save thousands of dollars worth of trees.

You, your "Junior" if he is of boy scout age, or your gardener, can do the repair work—and call it fun. You can do it easily and quickly with

Newbark
Plastic Tree-Saver

A tree may be ruined by the ravishes of rabbits, mice, ice, bruises of a lawn mower, a horse plow or careless man, insects, rot producing fungi, or loads of fruit.

Only a small patch of the bark or branch may be ripped off—a trifling matter. But when the bark is removed and the clean, bare white wood is exposed, this wood dries out quickly and cracks will form, fungus will enter. In the course of time there stands a tree with a hollow heart. Insects find refuge in it. Winds blow spores of rot and bacteria into the crevices. Rains come and in the dark, damp space within, ideal environment exists for the incubation of wood destroying fungi, which may spread to the rest of your trees.

Apply Newbark Immediately to Injured Trees

Nature immediately tries to heal every wound a tree receives. If the wounds are protected with Newbark, it will soon provide its own suitable covering and in time will be permanently sealed by the new growth of bark—and the plastic Newbark will be forced out as it heals.

At the left—An old unsightly wound through which decay is eating steadily into the sound heart wood.
At the right—The same wound cleaned out, filled and coated with Newbark. Besides saving the tree it greatly improves its appearance.

Newbark—a natural tree salve, is an antiseptic, plastic preparation quickly applied, to protect all wounds of bark or limb. It kills and keeps out germ infections, parasites, insects, fungus growths, and tree diseases. It prevents disfigurement, decay and death of trees. Highly recommended for tree surgery and repair work. Stays plastic. Will not crack. Satisfaction guaranteed.

Write for Free Booklet

"Renew the life of wounded, decayed trees" written by one of the foremost arboriculturists. Tells you all about tree ailments and how to easily heal them—also the interesting details of Newbark. Don't delay. Write today. An ounce of Newbark now is better than a bag of cement next year.

The name of your dealer will be appreciated

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I own ..... trees.
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Do *You Know This Secret?*

A bountiful succession of this toothsome delicacy is yours if you follow these simple directions.

Plant this collection of 6 choice varieties *all at once* this Spring, just as soon as the frost is out of the ground—and they will mature in the order named—producing a steady procession of big, mouth-watering crops from about June 20th till late in August.

The Reason for this is evident. Peas must develop their roots in cool weather and so be able to supply sufficient moisture to leaf, flower and pod, as they rapidly multiply under the summer sun. On the other hand late planted peas are almost always a disappointment, as every experienced gardener has reason to know.

Schling's Long Season Pea Collection

1 Schling's Pedigree Extra-Early
2½ feet. The earliest Pea ever. Pods well-filled.

2 Gradus, or Prosperity
3 feet. An early, large wrinkled Pea. A delicious flavor.

3 Sutton's Excelsior
1½ feet. The most productive of all early wrinkled Peas. Very sweet.

4 Dwarf Champion
2½ feet. An early, compact Pea. Pods large, very full.

5 Improved Telephone
4 ft. Pea-vine pods filled with Peas of fine flavor.

6 Heroine
4 ft. Pod of large size, nearly straight; full of large Peas of fine quality.

Special Offer

1 lb. each of all 6 varieties, 3 lbs. in all $1.75

1 lb. each of all 12 varieties, 6 lbs. in all..... 2.75

2 lbs. each of all 12 varieties, 12 lbs. in all..... 5.00

Free delivery within 300 miles of N. Y.; beyond, add 5 cents per lb. for postage

No garden is too small for peas. Insure yourself a real treat by ordering today.

And here are Two Delightful Rarities for Your Flower Garden—

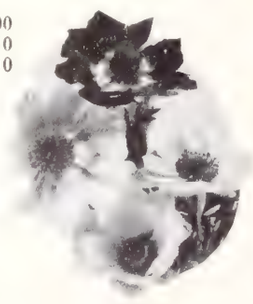


Montbretias

Whose flower clusters in exquisite pastel shades ranging from pale yellow to deep orange hang like golden stars on long slender, wiry stems have all the airy grace and ethereal beauty of the orchid odontoglossum. Perfect for indoor arrangement and a striking note of color in the flower garden when massed closely together in clumps of 25 to 35.

Plant the bulbs in April and May 3 inches deep and enjoy them all season—Easily grown.

25 Bulbs—$3.00
50 for $5.50
100 for $10.00



Another Rare Opportunity—The Giant, French

Poppy Anemone

Marvelous poppy-like flowers in the wonderful color combinations only to be found in this variety. Blues with white bases; Pink with blue bases; Cream and Apricot shades in endless profusion. Truly a gem of the first water! Plant bulbs in May 3 inches deep

25 bulbs for $3.00
50 bulbs for $5.50
100 bulbs for $10.00

618 Madison Avenue Near 59th St.

Schling's Seeds

NEW YORK CITY

P. S. Our "Book for Garden Lovers" ... with ... at 25¢ a copy

WOODS USED *in* ENGLISH FURNITUR

(Continued from page 182)

Generally used for sides and bottoms of drawers, and insides of cupboards. Its smell acts as a deterrent to moths and wood-beetles. Wardrobes are sometimes lined with it, on this account.

Cherry

Common to British Isles. Used for furniture panels and chairs in seventeenth and eighteenth centuries. Known as "fruit wood." Pale pink with yellow sap. Resembles mahogany, when old.

Chestnut

Native of Southern Europe, Asia and North Africa. When figured, Chestnut was extensively used in the veneering of furniture. Age turns Chestnut to a reddish-brown, and, in old furniture, it is frequently mistaken for mahogany or walnut. Many of the Restoration chairs were made from Chestnut, and pass for walnut at the present day. The difference is difficult to detect in small surfaces.

Ebony

The variety known as Streaked Ebony, or Coromandel, was used in furniture of the seventeenth and eighteenth centuries, but nearly always in veneers. Many of the seventeenth-century oak cases of long-case and bracket clocks were veneered with ebony, sometimes with mouldings from the solid wood, but more often from pear-tree stained black. The wood varies from a black streaked rich brown to a dense black.

Elm

A rough, strong timber, sometimes used for seats of chairs of the Windsor type. Never used otherwise for furniture.

Fir

Native of Central and Southern Europe. Wood white, soft, and easily worked. Used for sounding-boards of pianos, etc.

Holly

An evergreen, native of Britain and Europe. Wood yellow-white, hard and heavy. Generally used in furniture in form of inlaying lines.

Kingwood

A native of Brazil. It is sometimes known as American Ebony, or bois-violet. It is somewhat lighter in colour than rosewood and more strongly marked. It is generally used in cross-cut veneers, and usually for bandings, although some rare pieces of Queen Anne cabinet work are to be found entirely veneered with this wood.

Laburnum

Native of Europe. Heart-wood dark brown, sap yellow. Generally used in "oyster-pieces" for veneering of late seventeenth and eighteenth century furniture.

Lime

A white soft wood, easy to work and with very little cross-grain. Much used during the later seventeenth and eighteenth centuries for applied carvings of the Grinling Gibbons school.

Mahogany

There are many varieties of this wood used at the present day, imported from America, East and West Africa, Ceylon, etc. The wood itself is too well known to need a description. There are many bastard varieties, but the true mahogany, such as was so extensively used in the eighteenth century, has a habitat between lat. 10° and 23° north. Included in these parallels are Cuba, San Domingo, and Jamaica, and towards the northern-most part (to 40′ and 23° 10′) Mexico and Honduras. The finest Mahogany, such as was used in the early eighteenth century, is the San Domingo, or Spanish, but this, in trees of any growth, is now almost extinct. It is reddish, close very hard and heavy, and practically without figure. That from Honduras has the "plum-pudding," "ocean", or "fiddle-back" figure. The curl Mahogany is obtained from the junction of the huge branches with the main trunk.

The trunk, in common with many other woods, has to be cut at a particular angle to produce figured planks. As a furniture wood it is unrivalled. No wood possesses so many desirable qualities in the one timber. The following reasons for its present high position as a furniture wood may be cited:

1. Supplies are plentiful.
2. It is not unreasonably expensive.
3. Boards are procurable in large widths with little or no sap, and the timber is comparatively free from shakes and similar imperfections.
4. It is not difficult to season, and when properly conditioned, no furniture wood will stand better.
5. It is not difficult to work, glues well on flat or end joints, and takes a high polish.
6. The grain is close, especially in the Cuba varieties.
7. It can be procured either plain, for carcase and interior work, or magnificently figured.
8. Fine mahogany improves in colour with age.

Mahogany appears to have been first used for furniture, in England, between 1725 and 1730. It is recorded that Cortez, between 1521 and 1540, used it in the construction of his ships, and it is said (the evidence is not reliable, however) that Gillows of Lancaster imported the wood between 1640 and 1650.

The name "mahogany" is probably derived from the Aztec. It has, undoubtedly, been used, in Central America, for centuries.

Maple

A whitewood, much used for inlaying by marqueterie workers. The well-known "bird's eye" Maple, which is extensively employed in panelling, especially for interior work in ships, is the wood of the North American, or Sugar Maple.

Oak

Brown Oak is the heart-wood of the British Oak, which, owing to local conditions, assumes a rich brown color.

Wainscot Oak is the name given to English Oak when radially cut.

Bog Oak is wood of ordinary Oak which by being buried in peat bogs turns nearly black. It is rarely sound.

(Continued on page 188)

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100 Acres of them. We are the largest Dahlia growers in the World; an enviable position, made possible only by the appreciation of our superior stock by satisfied customers.

Send for our catalogue showing the World's largest and best Autumn shade Dahlias.

"RODMAN WANAMAKER"

(Last year grew 13 inches in N. J.; 12½ inches in California; 11 to 12 inches everywhere) and 13 other varieties in natural colors.

The leading American Dahlia catalogue, telling the plain truth about nearly 600 of the World's best varieties.

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Oil Jar in rose and gold and blue on buff earth, turquoise glaze drip. Approximate height 26 inches

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A cable from London told an American manufacturer that his only daughter had presented him with a grandson. A phone call to Max Schling and [illegible] hours later a flower-trough greeting and good wishes from grandfather to the young mother 3000 miles away.

What was it? A miracle?

Fiddlesticks!

It was Max Schling Service!

The man had been previously tried florist after florist to place an order in Sydney. Finally he called on Max Schling. The flowers were delivered in Sydney as soon as cables and telegrams carried directions to the Australian representative.

What was it? A miracle?

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No matter where—no matter how far—no matter how difficult a problem you have—call, and if we give you service, charging you only the cost of cable or wire, then as a reward, give us your orders for our own city—New York.

In New York we put one of the largest organizations in the floral industry at your service. Outside of New York, our orders are taken care of everywhere through bonded representatives—3000 members of our organization, who act immediately on receipt of our telegraphic instructions.

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Decorate your Grounds with Bird Houses

Four or five bird houses—snuggled in foliage, swung beneath eaves, perched on pergolas, or secured to walls—add an artistic touch of rustic beauty to any grounds.

And, of course, they serve as homes for an interesting colony of little feathered friends.

Build these houses yourself with convenient, notched LINCOLN LOGS, according to many designs. Buy now—birds are choosing their summer homes.

See your dealer or send coupon to

JOHN LLOYD WRIGHT, Inc.
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The houses shown above can be made from the LINCOLN LOG BIRD SET $3

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I enclose [illegible] for which please send me the following:

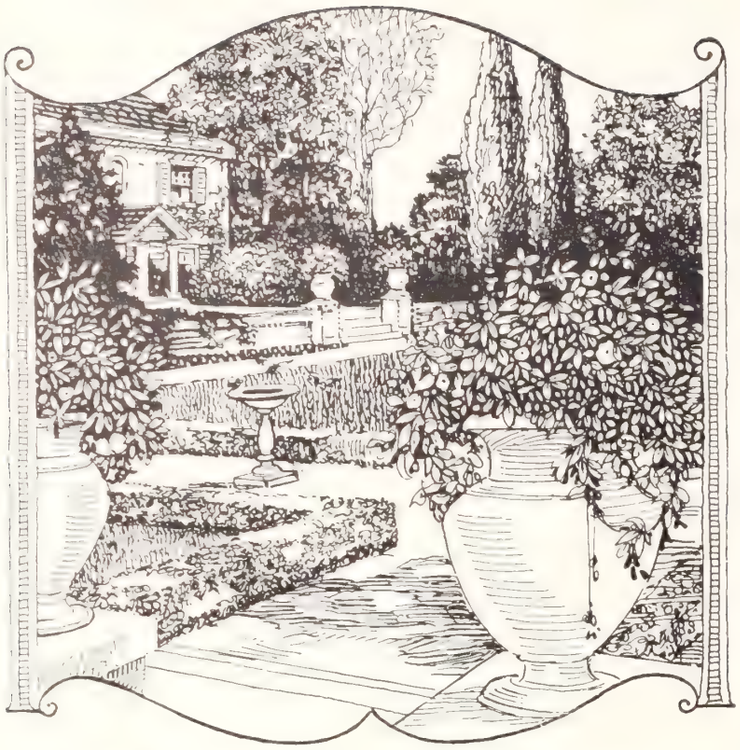
Standard Wren Houses, each	$1.00
Special Equipments for Wren House	.25
Lincoln Log Bird Sets, [illegible] design book each	3.00
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Name

Address



Lincoln Playhouses [illegible] children love to play in. Write for folder and price list.



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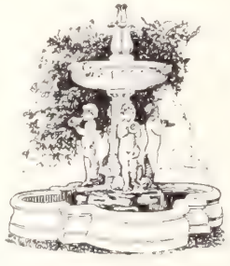
Maybe it is just an urn—maybe it is a fountain—possibly something else, but somewhere around your grounds a touch here or an addition there may be needed to set them off to the best advantage. Urns, bird baths, benches, tables, flower boxes, fountains —203 articles, made of beautiful and enduring Art Stone, offer a wide choice for just the thing you want, to add the touch that is needed.



Here is a porch urn at $5.40 that is a little gem. This particular one is only a foot across and nine inches high; but there are seventy other urns and vases to choose from.



More and more bird baths are being bought each year and no wonder they are popular. They are not only a beautiful addition to the lawn but they bring the feathered guests as nothing else does. This is one of our most popular models at $18.00, though there are ten others ranging in price from $4.50 to $45.00.



Other things you will find—benches, seats, tables—all the way up to majestic fountains, which often enhance the effect of a landscape effort as nothing else can do. You will find them listed from $75.00 to $850.00.

Send for our beautiful illustrated catalog, showing articles of Art Stone and giving you many suggestions for increasing the beauty and usefulness of your grounds. A dime, or ten cents in stamps, will bring it.

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1610 South Jefferson Street, Chicago, Ill.
I am interested in getting your suggestions for improving the appearance of my grounds. Enclosed is ten cents for which please send your catalog.

Name _____ City _____

Street _____ State _____

WOODS USED *in* ENGLISH FURNITURE

(*Continued from page* 186)

Red Oak is the American Oak used for furniture of the commoner class.

OLIVE-WOOD
This wood takes a beautiful polish, with oil and continual friction. It is of a greenish-yellow, with black cloudy spots and veins. Olive-wood was frequently used for veneering the fronts of the later long-case clocks of the eighteenth century.

PADOUK
A native of Burma. It is somewhat lighter in color than rosewood, and more strongly tinged with red.. The grain is very similar, but has a peculiar silkiness of texture. Padouk is very hard and heavy. It appears to have been first imported into England about 1730. Occasionally pieces of the early and middle Chippendale periods are found made entirely from this wood. Its toughness admits of delicate fret-cutting, impossible in mahogany.

PEAR
Yellow to brown; hard and durable. Without figure; used for clock cases and small furniture. When stained black, and polished, it resembles ebony. Capable of being worked to very fine moulding sections. Occasionally used for applied carving, as in the "Clifford's Inn Room" at the Victoria and Albert Museum.

PINE
Native of North and Central Europe. Known and imported from Northern Europe under names of Red and Yellow Deal, and much used for wall-panellings in the eighteenth century. When Red Deal has been painted for many years, and the paint is removed, it shows a color something between pear and cedar. It is distinctly an ornamental wood, whereas Pine is not. It is fairly resinous and prone to knotting, but works well. The fine Memel Red Deal is now practically unobtainable.

PLANE
A hybrid. Timber reddish or yellowish in tone, close, and fairly hard. When radially cut it shows a strong and pretty figure. It is then known as "lace-wood." Much used for veneering and inlaying during the latter part of the eighteenth century. Closely related to the Sycamore.

PURPLE WOOD, OR PURPLE HEART
Native of British Guiana. Wood very hard and heavy, or purple tint when freshly planed, but rapidly turns brown on exposure. Rarely found solid in English furniture; generally used as bandings or cockbeads on satinwood furniture.

ROSEWOOD
An extended description of Rosewood is unnecessary as it was sparingly used, even in the eighteenth century, other than in form of bandings, veneers, or inlay. It is exceedingly hard, dark reddish-brown, with dark streaks, close and even grain. It is difficult to saw, and when freshly cut has an agreeable aromatic odour.

SATINWOOD
Hard, yellow wood, of fine grain, lustre, and flowered figure. It was extensively used for furniture during the latter part of the eighteenth century.

SNAKE-WOOD
The wood is generally used in veneers for inlaying and banding. It is of dark yellow color, with serrated markings of a deep brown. Snake-wood is only found in the cabinet work of the very late eighteenth century.

SYCAMORE
Wood is white or slightly yellow often with a ripple figure. Used for backs of violins and furniture interiors. When stained to a grey color with oxide of iron, it is commonly known as "harewood" or "eyrewood."

TEAK
The name is used for two kinds of timber. One is known as Indian, the other as African Teak. The timber of both is very similar, reddish-brown in color, strong and durable in texture, and with a greasy appearance when freshly planed. Teak is usually polished, as it has a very disagreeable odor in the natural state. When polished without staining, it is of a deep brown color.

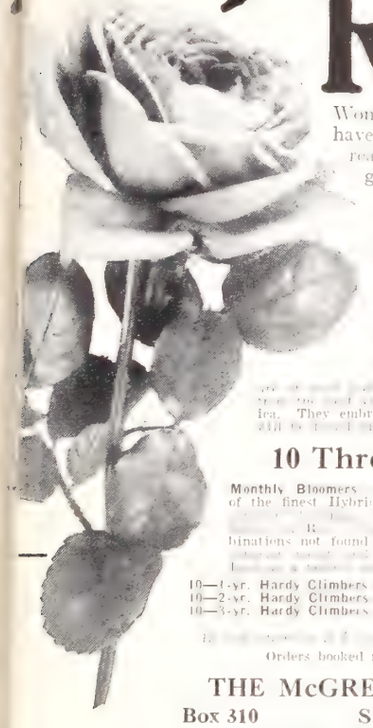
TULIP
The wood is yellowish-brown with longitudinal striplings of a pinkish-red. It is usually cut across the width and used for cross-bandings. It is seldom employed except for inlayings or friezing. The tulip-tree is a native of Brazil.

WALNUT
English and American Walnut. English walnut is a native of mountainous regions of Caucasus and Himalayas. Introduced in England late in sixteenth century. Much used for chairs during the last half of the seventeenth and for furniture in the early part of the eighteenth centuries. Wood medium hardness and weight. Light brown in color and takes a good polish. Often finely figured in burrs, when it is usually cut into veneers. Saplings are also cut across the grain and used as "oyster-pieces." American walnut, a native of Eastern United States. Often known as Black Walnut. Wood harder, darker, and redder than English Walnut and not so well marked. Never used in the eighteenth century or earlier. Other varieties of Walnut; French and Ancona, or Italian. Both are lighter in shade than English Walnut, and are rarely figured.

YEW
Wood rich red-brown, sapwood yellow. Very hard, close, and elastic. Works with smooth surface and takes a good friction polish. Extensively used for framings and legs of Windsor chairs of the hooped-back type. Frequently pollarded in the eighteenth century and used in burr veneers. Yew was the Englishman's wood for long-bows.

ZEBRA-WOOD
Native of Guiana. Sometimes known as pigeon-wood. Zebra-wood is usually of a tawny brown color with vivid stripes of very dark brown. It is generally cut into veneers, for cross-bandings. Occasionally some of the smaller pieces of the later Sheraton period are veneered entirely with the wood, but the effect is generally more striking than artistic.

A Garden of 10 Gorgeous Roses $1.



Wonderful offer for Rose lovers. You can have real Roses like the florists raise for a reasonable amount of money. All strong growers; many colors; richly fragrant.

10 One-Year Roses $1.00

Monthly Bloomers. No end of pretty [illegible]

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Monthly Bloomers. [illegible] America. They embrace all colors, will bloom all summer, and all [illegible]

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10—1-yr. Hardy Climbers or 10 Hardy June Roses	$1.00
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RANK easily among the most brilliantly colored of all the perennials, especially those varieties in which the differently colored center petals and stamens contrast with the outer collar of petals. Not particular as to soil, easily grown in most any situation, flowering most profusely year after year, they will prove a revelation to planters not familiar with this charming group. Next fall we expect to introduce some lovely novelties but right now—

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Grow what you eat!





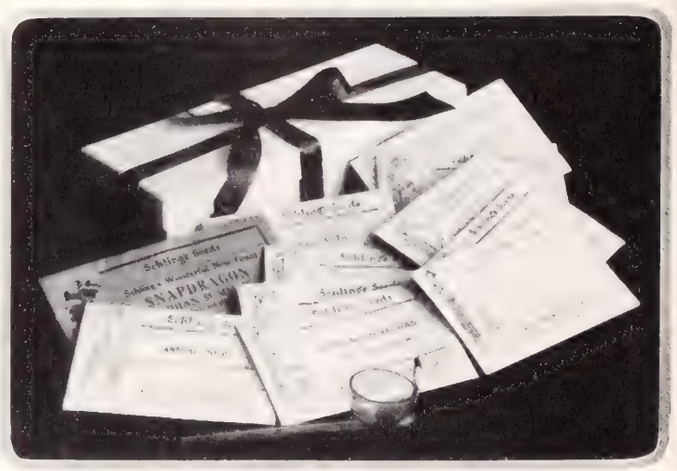
A new small seed sower has a pear-shaped outlet regulated by a spring which enables the planter to sow seeds with accuracy and economy. $1.25

FLOWER COLLECTIONS

Which may be purchased through the House & Garden Shopping Service



Above. A collection of fifty choicest Gladioli of modern giant flowering variety in assorted colors may be purchased for $5.25. Or, if one is a rose enthusiast, six choice everblooming Hybrid Tea Roses are priced at $6.75. In ordering kindly state choice of colors



Above is an interesting collection of annual flower seeds, containing new and rare varieties. An assortment of twenty varieties may be purchased for $3.25 and thirty for $[illegible]

rs. Calvin Coolidge

A WONDERFUL new hardy garden rose, should be in every garden ... deep golden yellow, which deepens to orange as the flower develops. ...

Extra strong field-grown plants, 2 yr. old $1.50 each, $15.00 per dozen; strong 1 yr. old field-grown plants, $1.00 each, $10.00 per dozen. Postpaid on receipt of above prices. ...

For complete list of Roses, see our Nursery and Seed Catalog, sent on application.



Abelia Grandiflora

A BEAUTIFUL small shrub, almost evergreen, the flowers of which resemble or suggest the Trailing Arbutus; is of graceful habit. It has small green, glossy leaves, turning to a bronze purple in Fall. The flowers are white, tubular-shaped, which are produced along the branches ... until Fall.

Strong plants from ground 50c each, $5.00 per dozen. ...

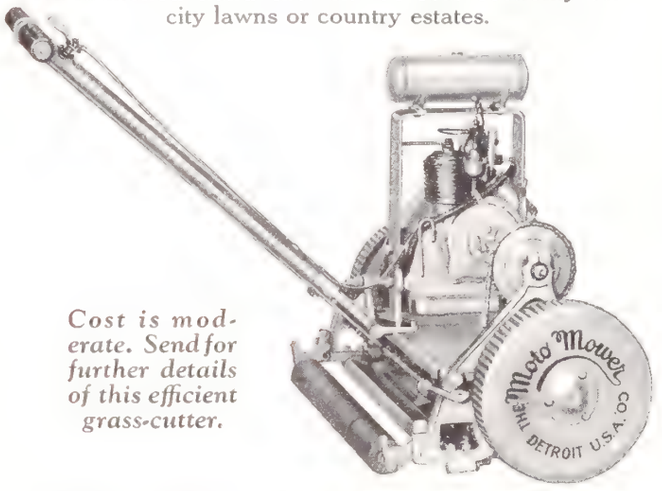
F. R. PIERSON

ARRYTOWN··NEW YORK

BETTER LAWNS AT LESS COST

Moto-Mower Saves Time and Labor; Handles Easily

Moto-Mower is the capable power grass-cutter that finishes the job in one-fourth to one-fifth the time. Starts, stops and turns on own power, by rotating rubber grips on handle. Economical in gasoline and maintenance. Cuts grass closer, more evenly than old-fashioned hand mower. A real economy for city lawns or country estates.



Cost is moderate. Send for further details of this efficient grass-cutter.

THE MOTO-MOWER COMPANY

3247 Woodbridge Street Detroit, Michigan



grow *Delightful Dahlias*

of great size and beauty from our carefully and ... Jersey Grown Tubers. Our ... and interesting new catalog lists many fine varieties, at very appealing prices.

For example:-

Mrs. I. De Ver Warner: A universal favorite of clear, bright lilac rose. Very large.....$2.00

Insulinde: Wonderful flower, with quaintly curled and twisted petals, shading from rich saffron yellow to russet orange ... $1.50

Shudow's Lavender: Immense blooms of beautiful silvery lavender, slightly shading to white.....$3.50

Earle Williams: A giant scarlet beauty, each petal heavily tipped with white....$2.50

For a limited time only, we will send to those who order directly from this ad, all four of the above mentioned roots, (value $9.50) for only $6.50, prepaid.

DOWNS DAHLIA FARMS

DOWNS DAHLIA

CLAYTON, N. Y.

Cotoneasters

Delightful Shrubs for Foundation Plantings

Some deciduous, others evergreen—all clothed in wonderful fall coloring. Myriads of white or pink apple-like blossoms in May, followed in fall by a wealth of showy black or red (mostly red) fruits which persist till late winter and early spring.

C. divaricata. Showiest; bright red fruits all winter.

C. horizontalis, C. rotundifolia and *C. microphylla.* Prostrate evergreens, glossy leaves; red berries; desirable for trailing over walls and rockeries.

May we send you further information about these charming shrubs? Write us today.

HICKS NURSERIES

Box H

Westbury, L. I., New York





Protect and Beautify your Lawn

IF your lawn is effectively fenced you can have nice grass, flowers and shrubs unmolested. Moreover an inclosed lawn is the ideal place for your children, where they can play, safe from speeding automobiles, fighting dogs, even safe from undesirable playmates.

Pittsburgh Perfect Lawn Fences give full measure of protection, and because of their neat and distinctive designs they enhance the appearance of any lawn. The many closely spaced wires bar chickens and keep the fences always trim and erect. ***Super-Zinced*** rust protection assures great durability.

Our new booklet illustrates the advantages and popularity of inclosed lawns. Be sure to get a copy; mailed FREE upon request.

Pittsburgh Steel Co.

752 Union Trust Building

Pittsburgh, Pa.

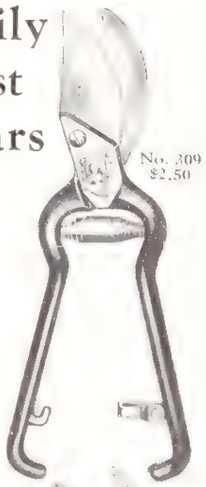
Gentlemen: Please send me, FREE, Your Booklet "Lawn Fences That Protect and Beautify".

Name

Address

Cut Easily and Last for Years

Fine materials, expert workmanship, and convenience distinguish Wiss Pruning Shears. They cut easier and last longer than ordinary shears selling at the same price. Be sure to ask for WISS.



No. 309 $2.50



No. 109 $3.50

No. 309. A ...

No. 109. ...

Add 10% West of Denver

J. Wiss & Sons Co., Newark, N. J.

WISS

Wonderful Cutters

A Garden Full of Dahlias for $3.50



New and Rare Exhibition Dahlias

Few flowers, whether used for garden decoration or principally for cut blooms to decorate the home, are as responsive to simple garden culture as our Modern Dahlia. It has made wonderful advancement in size of bloom, habit of growth and profuse blooming qualities.

In order to further its now great popularity, we are offering this collection of

12 Dahlia Tubers for $3.50

—one each of 12 distinct varieties, not labeled, which if purchased separately according to name would cost not less than $10.00.

Order Your Tubers Now so as to have them ready to plant any time after the tenth of May or when all danger of frost is past.

Mail this advertisement, or present at our store, with check, money order, cash or stamps, and secure this exceptional collection, sent prepaid to any point in the United States.

Our 1925 Spring Seed Annual sent on request

Stumpp & Walter Co

30-32 Barclay St., H. **New York City**

FOR THE GARDEN SCRAP-BOO

IN GARDEN books and periodicals one frequently comes u the phrase, "as early in the spring as the soil can be worked."

At first thought it might seem that this means the first on which the frost has retreated sufficiently to permit a sp to be thrust into the earth. In actual gardening practice, howe the significance of the expression is not that. It would be less n leading to the uninitiated if it read, "as early . . . as the soil be properly worked."

Most soils are decidedly damp and soggy for several days sometimes weeks—after the frost is out. They can be work but not properly. If plowed, spaded or forked over while in t condition clods and lumps will be formed which, in drying, come hard and hinder cultivation more or less throughout season. Particularly is this true of clayey soils and those which being broken for the first time.

No soil should be touched until it has become dry and friab enough not to stick to and clog the digging implements. T tedious waiting which this stipulation sometimes entails will well repaid by the better subsequent growing conditions whi will result from heeding the advice.



UNLESS the perennial border was well mulched with manu last fall, the application of bone meal to it this spring w be of decided benefit to the plants. The annual production of vastly intricate system of stalks, foliage and blossoms is a seve drain upon the food supply and the plants themselves. Both w be better off if you give them an extra supply of nourishment af growth starts.

"Best on Earth" Gladioli



JOERG'S WHITE

The Rarest New and the Choicest of the Old

Among the former, our Giant White "JOERG'S WHITE" stands supreme both for size and color. It is the 'Star' 1925 Gladiolus novelty, fully described and illustrated in our catalog.

Price per bulb $5.00

Special Offer of 10 Splendid Standard Gladioli

	Value
1 Niagara,	$0.50
1 Searsdale,	.50
1 La Couronne,	1.75
1 Alice Tiplady,	1.00
1 Crimson Glow,	.75
1 Prince of Wales, beautiful salmon	.75
1 Arizona Rose,	.50
1 Herada,	.75
1 Peace, milk-white	.50
1 Schwaben,	.00
Value	$7.00

The above collection, post-paid anywhere in the U. S. for $6.00

Earth" Gladioli, mailed free anywhere

GEO. J. JOERG, Inc.

New Hyde Park (Box H) Long Island, N. Y.

WILSON'S "O. K." *PLANT SPRAY*

The Insecticide Supreme

WHY BUGS LEAVE HOME



For your Flower and Vegetable garden, Evergreens, etc. For Box Mite, Rose Bugs, Lace Fly, Spruce Gall, Red Spider, Aphis, Thrip and other insects. Recommended by the Officers of the Garden Club of America.

Write for the circular that proves "why bugs leave home"

For Sale by All Dealers

1 gallon can	$ 3.00
1-5 gallon can	10.00

Andrew Wilson INC.

Springfield, New Jersey

G&R ROSES

On their own roots. Sure to bloom. True to name.



RAINBOW COLLECTION

5 Wonderful Roses. Different Colors. Sure to please. HELEN GOOD, pink; PRESIDENT WILSON, rose; HOOSIER BEAUTY, crimson; MRS. AARON WARD, yellow; WHITE LA FRANCE, white. Mailed Postpaid to any address. Guaranteed to reach you in good growing condition $1

SPECIAL OFFERS

6 Hardy Chrysanthemums, embracing all colors	$1.00
6 Gladioli—Cream of newer sorts, selected colors	1.00
6 Liberty Iris. Choice colors assorted	1.00
3 Decorative Ferns. Assorted varieties	1.00
4 Dahlias. Select splendid assortment of colors	1.00
"Our New Rose" MARY WALLACE—1 yr. old	$1.00
4 Perennials—Made up of 1 Delphinium, 1 Shasta Daisy, 1 Fox Glove, 1 Aquilegia	$1.00

Special Offer—Any 5 collections for $4.50 the 8 for $6.50 postpaid. Prompt service guaranteed. Catalog free.

THE GOOD & REESE CO. Dept. 805 SPRINGFIELD OHIO

Largest Rose Growers in the World



Magnificent "Mums" Grown by YOU—

in your dainty Callahan Greenhouse! Think of it! A riot of gorgeous blooms, at all times—result of your happy work in your cozy greenhouse.

You can easily become the proud possessor of a Callahan Greenhouse. It costs no more than a small garage. You will say it is the best investment you ever made.

CALLAHAN GREENHOUSES

The Callahan Greenhouse is shipped painted and with all glass installed ready for quick and easy assembly. It can be erected in just a few days.

Send NOW for The Greenhouse Book

The T. J. Callahan Co.

504 Stout Street, Dayton, Ohio



FOR THE GARDEN SCRAP-BOOK

Broadcasting of the bone meal is not advisable. It is more beneficial, and not so wasteful, to apply the meal merely to the spaces between the clumps, scratching it into the upper layer of soil with a hand-weeder or narrow rake. A handful or two to each plant will be enough, unless the soil is badly impoverished.

Bone meal has the decided advantage of not "burning" the roots even of tender plants, as fresh manure is very likely to do. It comes under the head of those highly desirable fertilizers which are "safe" to use.



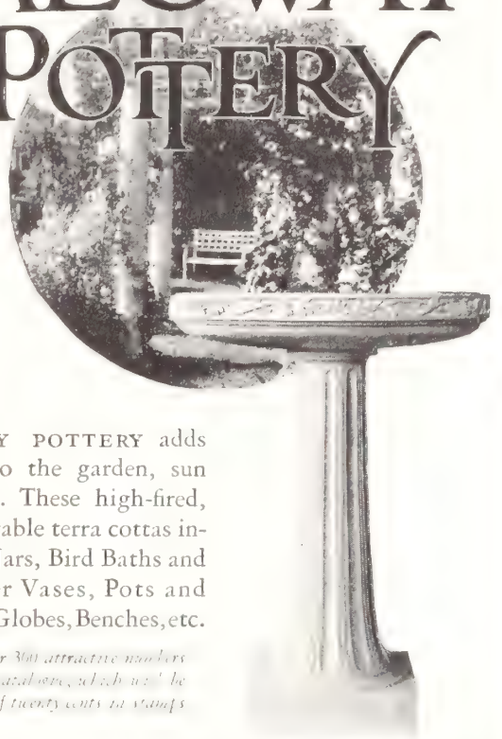
WHEN the time comes to remove the manure or dead leaf mulches which have covered the outdoor plantings since last fall, do not discard them as being of no further horticultural value. They are highly desirable materials for building up soils that are deficient in the essential ingredient of humus, or disintegrated vegetable matter. Save them, therefore, either by digging them into the soil where they have lain, or by adding them to the compost heap in some out-of-the-way corner of the grounds.



THE sowing of new lawn areas, or the re-seeding of old ones, is best accomplished about the time the maple leaves start to unfold. Before this delectable season, which someone has aptly called "the tassel-time of spring", cold weather is likely to hinder germination. Much after it, lack of rain not infrequently produces similar results.

GALLOWAY POTTERY

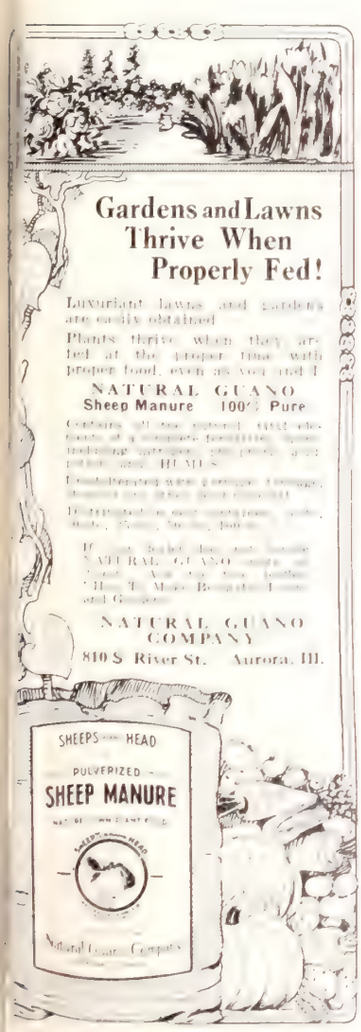
ESTABLISHED 1849



GALLOWAY POTTERY adds interest to the garden, sun room and hall. These high-fired, strong and durable terra cottas include shapely Jars, Bird Baths and Fonts, Flower Vases, Pots and Boxes, Gazing Globes, Benches, etc.

A collection of over 300 attractive models as shown in our catalogue, which will be sent upon receipt of twenty cents in stamps

GALLOWAY TERRA-COTTA COMPANY
3218 WALNUT STREET, PHILADELPHIA.



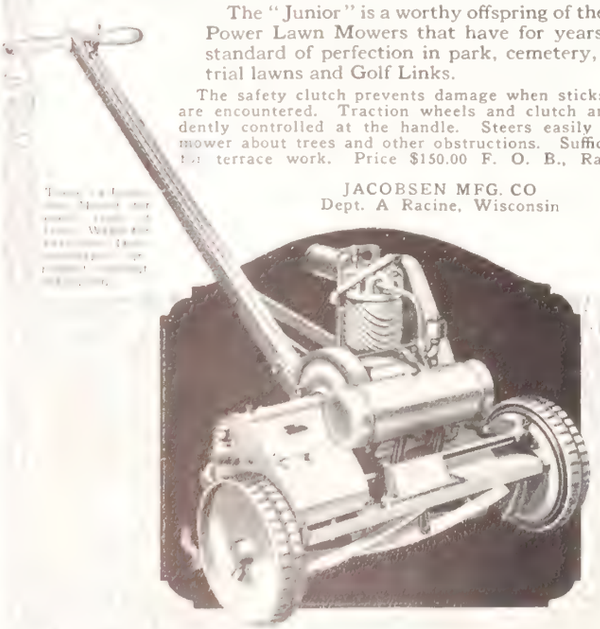
A Small Power Mower for Average Lawns

The Jacobsen Junior Power Lawn Mower is especially designed for average lawns—a light, sturdy, compact, motor-driven mower. Cuts a 19-inch swath at the rate of two acres a day on a gallon of gas.

The "Junior" is a worthy offspring of the Jacobsen Power Lawn Mowers that have for years been the standard of perfection in park, cemetery, on industrial lawns and Golf Links.

The safety clutch prevents damage when sticks or stones are encountered. Traction wheels and clutch are independently controlled at the handle. Steers easily as a hand mower about trees and other obstructions. Sufficient power for terrace work. Price $150.00 F. O. B., Racine, Wis.

JACOBSEN MFG. CO
Dept. A Racine, Wisconsin



Jacobsen
Power Lawn Mowers



Is Your Garden Well Planned?

LET an experienced landscape architect supplement your own ideas of a well planned garden. It means valuable assistance from one who has made gardening and landscaping a life study.

Your garden and grounds can be (1) skillfully designed (2) supplied with selected planting stock (3) planted or constructed. This complete new service, covering any one or all of these details, may be obtained at very moderate cost and saving of time, because it functions under [illegible] organization.

No problem is too large for our service facilities, none too small to receive our most painstaking attention. Practical suggestion and impartial advice rendered without charge.

Our booklet explaining this expert and economical service sent upon request

The
GARDEN SERVICE CO.
[illegible] Building
[illegible] 42nd Street New York

Plant Gladioli for a Garden of Glorious Blooms

ANYONE can grow gladioli successfully and be rewarded with a succession of wonderful flowers all summer long. For cutting they are unexcelled. Plant Kunderd Gladioli and know why experts rank the Kunderd originations so highly. The new Lacinatus, especially, is the most marvelous gladiolus ever developed. New varieties in the famous Kunderd Ruffled and Plain-petaled types, as well as the new Primulinus Hybrids, are now offered for the first time. Write for the

1925 *Kunderd Catalog—Free*

Hundreds of gladioli in all the myriad colors of the rainbow are listed. Many are pictured in full color. Catalog contains special collection offers and my invaluable cultural instructions. Send for it today.

A. E. KUNDERD
Box 2-D Goshen, Ind., U. S. A.
The Originator of the Ruffled and the Laciniated Gladioli





Kunderd Gladioli
TRADE MARK
STAND SUPREME

FOR THE GARDEN SCRAP-BOO

A windless day, preferably before rain, is the best for grass se sowing. Go over the area from two directions, to insure mo even distribution of the chaff-like seed. Have the soil surfa smooth and loose, and if possible roll it after sowing in order press the seed into firm contact with the earth. Small areas can patted down with the back of a spade if a roller is not procurabl



GLADIOLUS planting can begin as soon as danger of ha freezing weather is past and the ground has begun to war up. By putting in a batch of bulbs every two weeks from that da until early in June the blossoming season can be greatly prolonge

The tiny bulblet offshoots saved when the large bulbs were take up last fall should be sown thinly in drills in the same manner peas are planted, except that they should not be covered more tha 2" deep. If allowed to grow unhampered all summer some o them will probably flower this year, and practically all will be o blooming size for next season.

The Gladiolus prefers a sunny situation in rather sandy, ligh soil. Manure enrichment should be used sparingly if at all. Bon meal is better.



WATCH carefully for the first appearance of the gree caterpillars on the Currant bushes. They start practicall as soon as the leaves are out, and they work fast. Arsenate of lea spray, repeated at intervals of ten days until all danger is pas will keep them in check.

The "Bob-o-Link"
BIRD BATH



$13.00

Height 32" Spread 23½" Width 17½" Depth 17½"

Securely crated and F. O. B. the R. R. Please specify "Marble or Granite" when ordering

Beautiful, practical and designed for the outdoor-loving public. Excellent proportions, and of proper size and depth to suit most bathing friends.

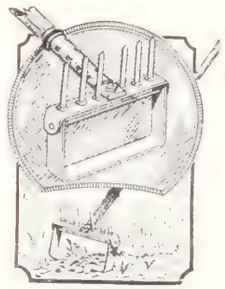
Made of cultured White Marble or Granite as you prefer by our special process which allows us to fully warrant our products to remain beautiful and serviceable thru time and weather.

Our beautiful catalog of all kinds of Garden Ware sent upon receipt of 20 cents in stamps to be refunded with your first order.

The BARCLAY COMPANY
Garden Ware
Narberth, Pennsylvania

Here Is The Greatest Garden Tool!
DUBL-DUTI PUSH CULTIVATOR

1 PULL and 1 PUSH stroke thus



will cultivate as much as twenty-four (24) chopping strokes with a hoe thus:-

Special Introductory Offer

We will send 1 C. m. DUBL-DUTI no handle, 1 WONDER Dandelion Digger, with four foot handle, 1 5 point Handy Scratch Weeder, 1 20 page booklet on cultivating and weeding. You need not send us 1 penny in advance. We ask send C.O.D. Pay the mail man $2.00 plus the small C.O.D. fee and get acquainted with the greatest labor-saving garden tool. Sent without handle which secured locally at small cost completes the tool.

J. E. GILSON CO.
510 Valley St. Port Washington, Wis.

Jumbo Strawberry





Wonderful new variety —bears until very late

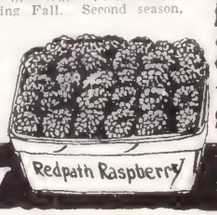
Jumbo Strawberry yields great crops of very large fine-flavored fruit after other varieties are gone. Shipped by mail at $1.00 a quart schedule in New York. Price: Trial Offer 10 Plants, $1.00; 25 Plants, $2.00; 100 Plants, $ .00; 1,000 Plants, $50.00.

Redpath Red Raspberry

Beautiful brilliant red that purpl Fruits in Fall of first year. From 2 qts of Plants set in April, we picked 300 qts. the following Fall. Second season, the Redpath bears heavily in mid-summer. Firm and a good shipper. Absolutely hardy. Trial Offer 5 Plants, $1.00; 25 Plants, $3.50; 100 Plants, $12.00; 1,000 Plants, $100.00

CATALOG FREE Pictures and describes Strawberries, Raspberries and material for every planting need.

L. J. FARMER Box 250 Pulaski, N. Y.



Redpath Raspberry

REAL SOIL NUTRITION





What vitamins are to human life, ***Nitrogen*** is to plant life. Both are essentials. Lacking sufficient nitrogen, soil becomes poor and impoverished and yields grudgingly.

When

SODUS HUMUS
The Essence of Fertility

is added, the soil is enriched; its productiveness is increased. For tests prove ***SODUS HUMUS richest in nitrogen.*** It is therefore the most economical humus to buy.

A sweet, odorless fertilizer which can be used near the house or in it.

If you are farmer, gardener, flower grower, nurseryman, estate manager or greenskeeper, Sodus Humus will prove of inestimable value to you.

Make its acquaintance through our trial two-bushel sack. You will say it is a wonder-worker.

We will send you, free, "Humus and its Relation to Plant Growth," a book well worth reading, if you will ask us.

SODUS DISTRIBUTING CO.
194 Main St., Benton Harbor, Mich.

OR THE GARDEN SCRAP BOOK

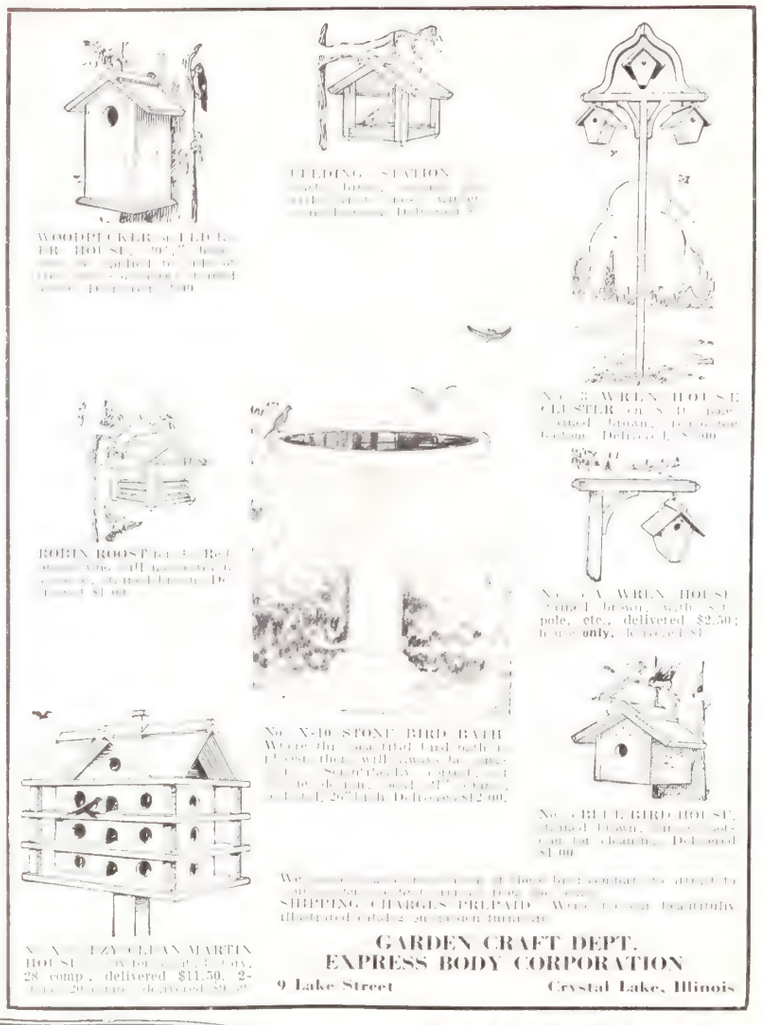
THE passing of the danger of hard frosts usually takes place this month in sections south of Philadelphia. With it comes a real warming up of the soil and, of course, dahlia planting time.

Dahlias need rich, well-drained soil, for they must produce in relatively short time a really astonishing underground as well as per growth. From a single tuber develops a 6′ or 7′ plant with a tin stalk 1″ to 2″ thick at the base—almost a young tree. To do is in the course of four months, and to form also three or four ditional tuber each of which will be ready to take its place as independent root next year, obviously calls for the most favorle conditions.

Dahlia tubers should be planted with the eye up at a depth of out 6″. Cover them with 2″ of soil and fill in gradually as the oot grows until the general level of the bed is reached. At least should be allowed between plants, and a strong stake set in ace at the time of planting. Good stakes are made from 1″ by ′ strips 7′ long, painted dull green. Set them 1½ to 2′ deep, so at there will be no blowing over during summer storms.

It usually happens that more than one shoot starts from a single ber. Only one should be allowed to develop. Nip the others off the ground level, so as to throw all the energy of the plant into e one sprout that remains.





GARDEN CRAFT DEPT.
EXPRESS BODY CORPORATION
9 Lake Street Crystal Lake, Illinois

Aphine

The recognized Standard Insecticide.

KILLS PLANT LICE

Aphine is free from all disagreeable odors, can safely be sprayed on all flower, fruit and vegetable plants, in

FUNGINE

VERMINE

Your Dealer Can Supply You

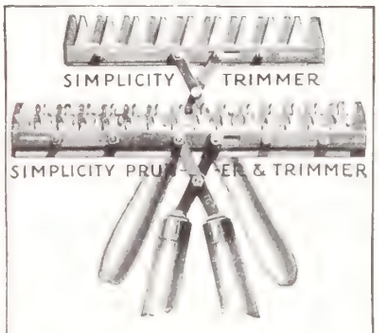
APHINE MANUFACTURING CO
Madison New Jersey

"The Grounds Sold the House"

FREE "Practical Plans"
for Home Planting, showing five splendid col-
your grounds. We stand ready to give any further help needed in working out a satisfactory planting scheme—all without charge.
Write today for "Practical Plans" and 72-page Catalog of Ornamentals and Fruits

Harrisons' Nurseries
Box 51 Berlin Maryland





Takes care of more hedge—in less time —with less effort

Trimmer $4, Pruner and Trimmer $6
$.50 extra west of Mississippi

Trenton Patent Mfg. Co.
Trenton N. J.

SIMPLICITY
TRIMMERS & PRUNERS

FLOWER-GRASS VEGETABLE SEEDS

TWO BIG SPECIAL OFFERINGS

SEND TODAY FOR FREE CATALOGUE

$1.00 COLLECTION FLOWER SEEDS

$5.00 COLLECTION VEGETABLE SEEDS

Very Choice Stocks—Value $1.50.

All the Finest

HOSEA WATERER
626 CHESTNUT ST., PHILADELPHIA, PA.

HOSEA WATERER PHILADELPHIA

JAPANESE
Roseflowering and Weeping CHERRIES
Chinese Flowering Crab and other
ORIENTAL FLOWERING TREES
Send for Catalog
A. E. Wohlert
The Garden Nurseries
Narberth, Penna.
A E WOHLERT The GARDEN NURSERIES Narberth Pa

FOR THE GARDEN SCRAP-BOOK

BIRD houses should be put up early, so that the garden and home grounds birds that may use them will have a chance to get accustomed to them before actual nesting time arrives. Bluebirds and wrens will be the most probable tenants, if one omits the English sparrow and the starling, neither of which can rank as exactly desirable. Sometimes a little shelf-like platform will be utilized by a robin or phoebe.

Sites not too close to the house are usually preferred for, friendly though birds may be, they ask a reasonable amount of privacy and quiet.

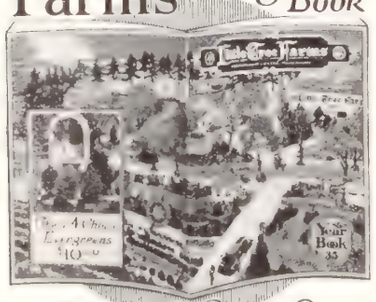


JUST as one may judge the merits of a carpenter by his chips, so are the quality and condition of his tools a fair index of the standing of a gardener.

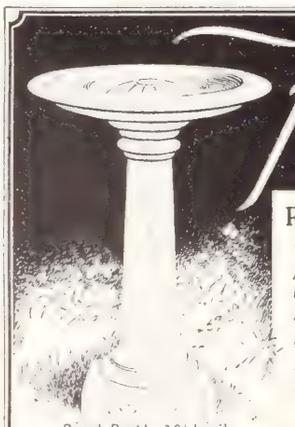
Hoeing, raking, spading and the manifold other activities of real gardening are genuine work, and only good implements will long withstand their wear and tear. Cheap tools are an abomination and produce as much exasperation as they do anything else.

So, too, do tools in poor condition, no matter how superior their original quality. Rust, caked earth, loose handles, joints or bearings—these should never be allowed to develop. Clean tools help to make clean results.

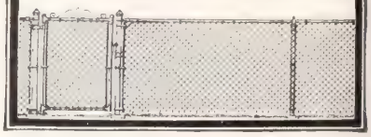
The ROSE FARM
HIGH-CLASS FIELD-GROWN
ROSES
All the old friends and the newest varieties
Write for descriptive catalogue, containing planting and cultural suggestions.
THE ROSE FARM, Inc.
Purchase (near Rye Lake) White Plains New York

Little Tree Farms Year Book

The Leading Nursery Catalog
tells you in the simplest terms and with *hundreds of large beautiful photographs*
How to frame your home in beauty
How to plant your garden
What plants to select
Where to place them
How to plant and care for them
How to make a successful forest
Everything to Plant
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Our 1925 Catalogue features Emma Marie, the new pink without a rival in natural colors and tell the story of 50 more of Jersey Grown Dahlias, including the leading Eastern Introductions
Dahlias of Quality and Distinction are the most for your money, and to prove it let us send you 1 tuber each of an Eastern, California and Holland variety
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OR THE GARDEN · SCRAP-BOOK

THE even sowing of very fine seed is facilitated by mixing it with several times its bulk of dry, fine sand. Ordinary soil, lverized and perfectly dry, will serve the purpose fairly well. is much easier to distribute such a mixture than if the seed were d by itself.



EAS, both sweet and garden, do best when they make a deep, strong root growth before hot weather. By doing this they not ly develop the maximum of strength but also, by sending their ots deep into the cool ground, become more resistant to the vages of heat and drought.

This is one of the chief reasons for planting peas early. Get em in as soon as the ground can be properly cultivated. Plant ep and fill in with soil as they grow, as suggested for dahlias.



THE laws governing the resistance of plants to cold which de Candolle established years ago are of particular interest those who, living in northern sections of the country, face each ear the problem of carrying certain of their garden favorites rough the rigors of a severe winter. With few if any modifications they may be accepted today as applying to the fundamentals f this important question. In brief, they are as follows:



DAHLIAS-GLADS-IRISES
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Fifty bulbs (five each) of ten fine large, flowering varieties, separately packed and labeled, guaranteed to bloom. Parcel post, prepaid $5.00

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12 choice named varieties (each labeled), catalog value $7.50 or over, for $5.00. 12 varieties, catalog value $15.00 or over, for $10.00. 12 varieties, catalog value $20.00 or over, for $15.00. Parcel post prepaid.

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Twelve choice, named, bearded irises, all different and properly labeled; total value $5.00 or over. July delivery, prepaid post $3.00

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Blue Waterlilies will grow freely in pond, sluggish stream, or pool. The plant will be shipped in time for planting in early June.

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Our new catalogue describes Waterlilies and other aquatics, perennials, bamboos, roses, gladiolus and iris. Send for a free copy.

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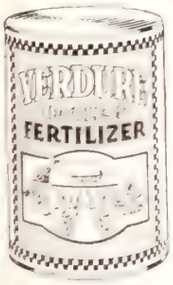
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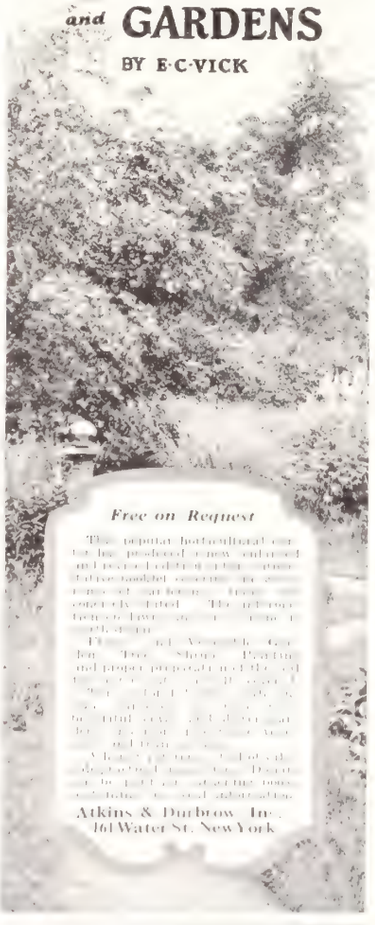
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FOR THE GARDEN SCRAP-BOOK

First, "The power of each entire plant, or part of a plant, to resist extremes of temperature bears an inverse ratio to the quantity of water it contains." For example, Alpine species which grow naturally where the drainage is excellent can in many cases withstand a degree of cold which would be fatal to many other plants.

Second, "The power of resisting cold (and heat) is in direct ratio to the viscidity of the juices which a plant contains." Possibly this is one reason why "resinous trees, such as some of the Conifers, are found to brave so well the cold of the most northern latitude, and likewise that of the highest mountains of the globe."

Third, "The resistance to cold in a plant is in the inverse ratio to the mobility of its juices, just as we find that water may be cooled several degrees below the freezing point if only kept undisturbed." In other words the less the mobility, the less the quantity of water present, and consequently the less danger of injury by frost.

Fourth, "The larger the diameter of the vessels and cells in a plant may be, the more liable it is to injury by frost, just as we find that water becomes solid much sooner in wide than in capillary tubes."

Fifth, "The power of resisting extremes of temperature bears a direct ratio to the quantity of air entangled between the parts of the vegetable tissue. . . . The down which covers the exterior of certain organs in many plants is a protection against both excessive cold, in consequence of the air contained within its meshes, which serves to prevent the rapid transmission of heat either from without or within."

It is this last principle which we utilize when we straw up our rose bushes for the winter.

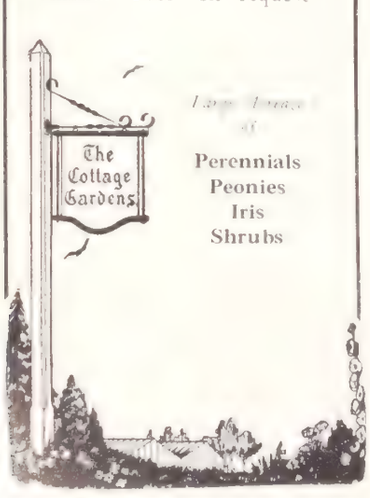
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THE FLOWER GROWER is all that the name implies AND MORE. It tells all about flowers and it tells many other things of interest to those who aspire to better living conditions and more beautiful surroundings. It teaches **balanced activities** and a **sane perspective.**

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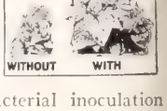
OFFER: 120 Gladiolus Bulbs grown in the Editor's own garden, postpaid, and a Year's subscription (12 issues) both for $3. By far the best value I have ever given. You cannot fail with these bulbs.

Plant the bulbs, watch them bloom, read **The Flower Grower, and see what happens.**

Madison Cooper, *Editor* 12 Court St., Calcium, N. Y.

New Way to Grow Bigger and Better Vegetables, Flowers and Shrubs

SCIENCE has perfected a wonderful new soil and seed inoculant—entirely different from ordinary fertilizers and other inoculants—which has shown amazing results in increasing the size, beauty and yield of vegetables, flowers, lawn grass, shrubs, etc. Terra-Vim, as it is called, comes in simple powder form, easy to use by merely mixing with seeds or sprinkling on roots, bulbs, cuttings or soil. And it is so concentrated and efficient that one can (18 oz.) is often sufficient for 4 acres!



The method of bacterial inoculation has for some years been used with marked success on large farms in the raising of alfalfa, clover and other legume crops. But only recently has it been demonstrated that the same principle can be applied to other crops, field and garden plants. Exhaustive tests by U. S. Government Farm Agents in cooperation with farmers, florists and nurserymen all over the country have proved that by simply using the proper bacteria for each plant, as put up in the various Terra-Vim powders, you can often **double** the size and yield of your vegetables, and wonderfully increase the strength, fullness and beauty of your flowers, lawn grass and shrubs.

Results Guaranteed—Or No Cost

So successful has Terra-Vim proved wherever used, that results are positively **guaranteed.** Try it at OUR risk. It comes in 18 oz. cans costing only $1 a can, and 1 can will often do for 4 acres. Simply order enough for your needs, and if after a thorough trial you are not surprised and delighted with the wonderful improvement it brings, tell us so and your money will be promptly refunded.

NOTE: Remember, each class of plants requires its own particular bacteria. So be sure to mention on your order the plants you want Terra-Vim for.

The Terra-Vim Corporation
Dept. 44 Lancaster, Pa.

THE GARDEN SCRAP-BOOK

ATCH a good orchardist apply ng nitrate of other stimu- lating material to his trees and you will see that he pays no te on to the area closely surrounding the trunks. His attention e ered on top-dressing the soil which lies under the circumfer- nc f the branch spread, and that immediately beyond it.

e reason for this is simple: the extent of root spread approx- that of the branches, and the most actively feeding root t s are at and near the end. Close up to the trunk, and ex- g deep down into the earth, are the anchor roots and those e heavy ones whose main function is the gathering of water r the subsoil. These in themselves are relatively incapable of s g up nourishment to be passed on to the veins of the tree; y ave passed beyond that stage, and now are mere carriers f d rather than collectors. Obviously, then, the fine feeding t are the only ones that it is worth reaching with stimulants, l ese are located fairly near the surface in a large circle well om the trunk.



DIVIDUAL forcing frames, which are merely miniature rtable cold-frames to be used outdoors in the vegetable gar- e are especially useful in giving an early start to Melons, mbers, Squash and other tender things planted in hills. Put ames in position several days before planting time, to warm ground until mouth them as much as possible.



Carolina Hemlock, Tsuga caroliniana

Carolina Hemlock
Tsuga caroliniana

"As you know I consider this tree (Carolina Hemlock) the handsomest conifer we can grow in New England." Prof. C. S. Sargent, Director Arnold Arboretum, Jamaica Plain, Massachusetts, October 1925

Introduced to cultivation by Harlan P. Kelsey.

	Each	10
Fine specimens, 2-3 ft.	$3.50	$30.
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Hand-horse or tractor operated. Sold on Approval. Write for Folder. *Dealers Wanted.*

Manufactured By

Springfield Lawn Sweeper Co.
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Kill Aphis

Regarded as one of the most destructive and persistent pests on flowers, fruit and vegetables. Be on the lookout for this little green bug and spray thoroughly with "Black Leaf 40."

Florists, greenhouse owners, gardeners and fruit growers always keep the "old reliable" spray on hand to destroy all varieties of Aphis, Thrips, Red Bug, Psylla and Leaf Hopper.

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Spray Black Leaf 40% Nicotine **Kills Aphis 40"**

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Rose Bushes
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Six Fine One Year Old 50c

Four Large Two Year Old $1

Ten Gladioli Bulbs—Fine Varieties, 25c

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"It is Cheaper to Build than Pay Rent"

How the Bennetts Made a Life-Long Dream Come True

THE TOTAL is $5,875.00" my husband declared one night, months ago, as he laid aside the pencil with which he had been figuring. I gasped. More than five thousand dollars! scarcely seemed possible that we had contributed that sum to e landlord, in the years that we had been "keeping house." ıd what had we to show for it? Not a blessed thing, but a neat ıck of rent receipts! Well, thank goodness, our rent paying ys were nearly over. We had already selected a lot in a subur- n neighborhood. Even then we were planning the details of e Home That Was To Be—the realization of a life-long dream.

A Friend Recommends the Use of Bishopric Stucco and Base

ou have ever set out to build a home you know what it means. by one we considered—and discarded—all of the standard ding materials—wood, brick, tile, stone, etc. The expense ıed to be more than we could afford. It began to look—and hought was ever so dreary!—as if we would have to postpone uilding operations for a time.

then, one day, my husband and I chanced to discuss the er with an acquaintance—an authority on building materials.

ı confident that I know of a building material that will solve problem," he said. Then this man told us about Bishopric.

urse, we were interested, and determined to find out all BISHOPRIC at once. We found the leading building- ial dealer, in our town, only too glad to enlighten us. To our se we learned that BISHOPRIC was not only the best unit, but likewise the most economical.

The dovetail key construction of the Base, plus the solid fibre-board background, we were told, made an actual saving of 25% or more in stucco and plaster materials. Being packed in rolls, BISHOPRIC Base also saved a great deal of labor in handling and applying.

Saves Coal in Winter—Means Greater Comfort in Summer

My grandfather used to have a saying "You can't tell anything about a house until you've summered and wintered in it!" Well I am writing this little experience after spending more than a year in our BISHOPRIC home. Our delight in it grows greater every day. Last Winter we burned from one to three tons less coal than any of our neighbors (our home is the largest in the block) and all Summer we had the reputation of having "the coolest house in the neighborhood."

Do you wonder, then, that we go about singing the praises of BISHOPRIC? It has indeed made our life-long dream come true!

Bishopric Stucco endures in every clime, retaining its strength and its original color in temperatures of either extreme. Economical in original cost, negligible in upkeep, warm in winter and cool in summer, BISHOPRIC STUCCO over BISHOPRIC BASE not only wins friends but keeps them. And no wonder, for it yields itself to any form and endures from generation unto generation.

An interesting booklet "Bishopric For All Time and Clime," illustrated with photographs of beautiful houses built with Bishopric Stucco, plaster and sheathing units will be mailed you Free.

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Vol. No. 47,

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INDIANA LIMESTONE

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Interesting Facts About INDIANA LIMESTONE

Number Four

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IF the stone walls of your home could tell a story, they would tell of the age-old romance of the quiet centuries when the great Indiana Limestone deposits were formed from which man now obtains the material for his shelter.

All the strength and romance of the hills are built into homes constructed of Indiana Limestone. The mellow beauty of coloring and fineness of texture found only in *natural* stone gives them their distinctive beauty. No other building stone has the same extreme durability and truly remarkable weathering qualities as Indiana Limestone.

Our Portfolio of small house designs, conceded to be one of the finest collections of its kind to be issued by any building material producers, will be sent upon receipt of 50c. Address, Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana

Design No. 224. The cost of the delightful home illustrated, well finished and equipped on the inside complete, would be approximately $24,500—it's very little more than the same house would cost in brick and equipped with the other features. The walls are laid entirely of Rustic Buff Indiana Limestone laid up as range work with ½" wide raked coast mortar joints, struck flush with the face of the stone.



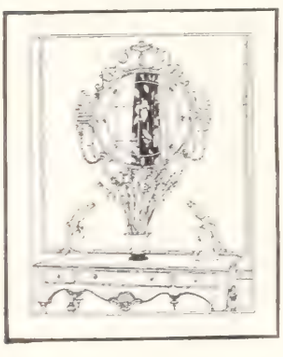
THE MELLOW SURFACES OF FINE FURNITURE DEMAN THE PROTECTION OF PLATE GLASS



The formal grace of this Georgian dining-room is enhanced by the use of Plate Glass on the table and buffet and also in the mirror. Photograph by M. E. HEWITT.

Use PLATE Glass © Nothing Else is Like it

A SCARRED table or dresser top is rarely seen nowadays. The beautiful deep-toned surfaces, the result of long and complicated processes of finishing, receive the utmost care. Refinishing is expensive and inconvenient. And the possessor of fine furniture, following the advice and example of the foremost decorators, uses Plate Glass whenever possible.

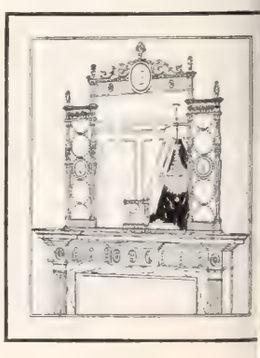


Glass of handsome Plate Glass mirror, making charming arrangements are possible. From photograph by M. E. HEWITT.

On dining and serving tables, Plate Glass not only protects the finish from hot dishes or liquids, but also guards the valuable and delicate fabrics often used beneath it. On library tables and desks it saves the tops from hard and constant usage. In the bedroom, Plate Glass is particularly useful on dresser tops or dressing tables, as cosmetics and perfumes contain alcohol, which is ruinous to varnish and paint.

Wherever used, Plate Glass pro tects and preserves furniture, and also adds the charm of its own satin surface to any interior. It is no expensive. It pays for itself many times over. And it can be obtained from any hardware or glass dealer cut to size, with edges smoothed, ready for use.

PLATE GLASS MANUFACTURERS *of* AMERICA



A carved frame and Wedgwood plaques distinguish this Plate Glass mirror. From photograph by M. E. HEWITT.



CHINA GLASS

ONE REASON why Macy's has become the largest department store in New York is that Macy's advertising has always been exceedingly conservative. People have even complained that it has said too little about values and prices; that it persistently understates the facts.

But that is a good fault. And it restrains us, now, from saying more than the bare essentials about the famous Macy China and Glass Department—the oldest department of its kind in any big store—and the favorite among discriminating women in New York for more than half a century.

Visit it, surely, when you are in New York. You may need only a quaint bit of Brittany ware for a shelf in your summer cottage. You may need the stateliest dinner service that any palace or yacht can command. You will find it; and the price will be at least 6 per cent lower than in the next lowest store.

You are cordially invited to shop by mail.



The Bedford fine porcelain Luncheon Set in green and maize on white, is a worthy example of Macy's fine china. Light cream tinge, 100-piece service for twelve, $101.50. Tall tea pot, $4.89; [illegible] and sugar, $1.35; cake plate, $1.25.



[illegible] Macy recommends this iced tea set of six glasses and a covered jug. [illegible] is particularly refreshing. The colors are autumn gold, spring green, or burgundy. Seven

R. H. Macy & Co.

For her wedding or her golden anniversary

WHAT A GLORIOUS GIFT A BRAMBACH WILL BE! How she will prize its graceful charm in her home; and its deeply resonant tone; and the atmosphere of quiet luxury which only a grand can bring!

The Brambach Baby Grand—built with the experience of 102 years—is now offered to you by a nearby dealer, on terms so easy as to be negligible. Go to him. Hear the Brambach. See for yourself the master craftsmanship of its beautiful case.

We will send you the nearest dealer's name and a free paper pattern showing that the Brambach needs no more space than an upright. Simply mail the coupon to us today.





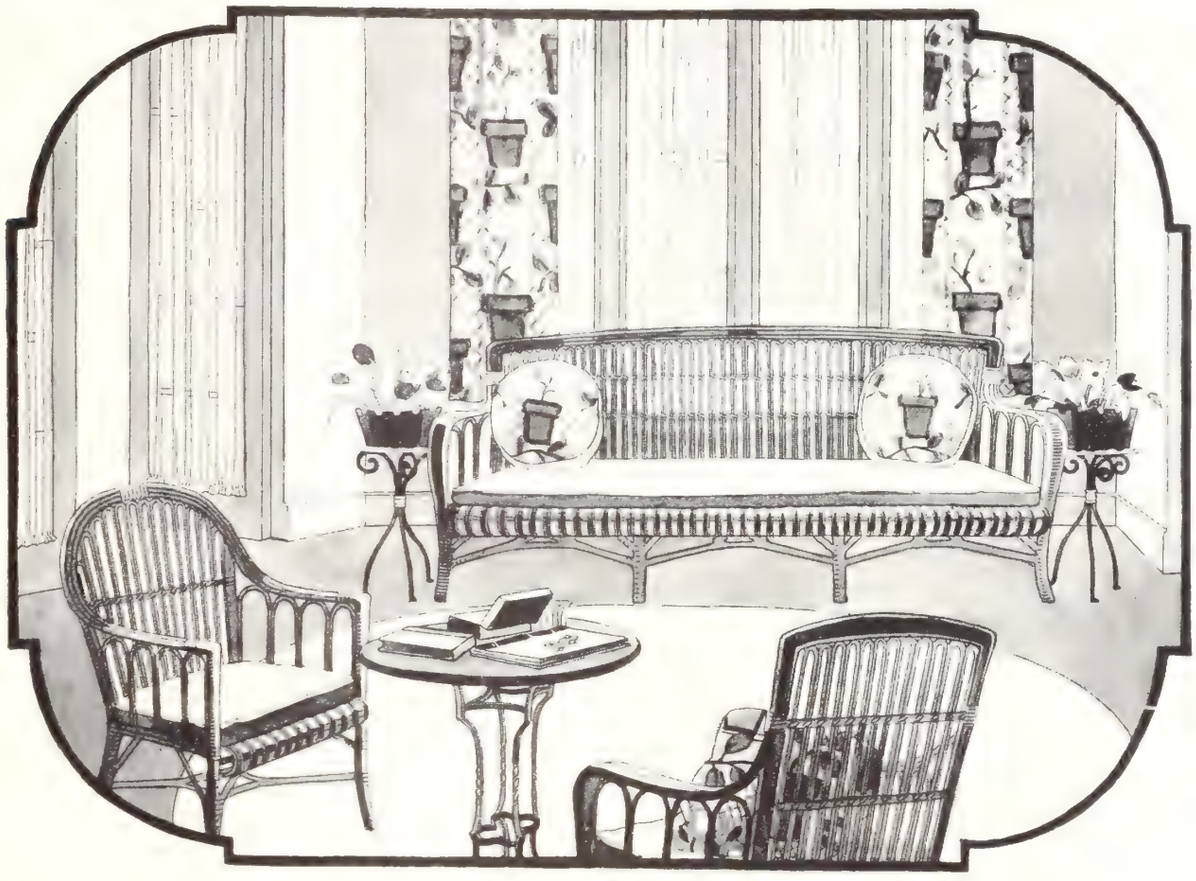
BRAMBACH
BABY GRAND
$635 and up f.o.b. N.Y.

BRAMBACH PIANO CO.
Mark P. Campbell, Pres.
613 W. 51st Street, N.Y. City

Please send me paper pattern showing size of the Brambach Baby Grand.

Name _____

Address _____



Stick willow furniture—three pieces without cushions $105.

Summer Furniture

Lends Comfort, Color, Coolness

For the restful, informal hours of languorous days, summer furniture creates a refreshing atmosphere with its bright colors and comfortable settees and chairs. These may now be selected from an extensive variety of designs, colors and fabrics that emphasize the smartest tendencies in reed, stick willow and willow furniture.

KEYNOTES OF INTEREST

Midnight blue, accented with cherry red, one of the smartest colors in reed or stick willow.

Other colors that promise cool charm are forest green, apple green, mulberry, mauve, café au lait, buttercup yellow, orange, cherry red, some with contrasting colors.

Cushions are covered in plain linen, chintz and glazed chintz in flowered, checked and striped patterns.

Any piece will be painted or covered in the color and fabric you desire.

All colors and fabrics for this furniture were selected by our own decorators.

SEVENTH FLOOR

Lord & Taylor

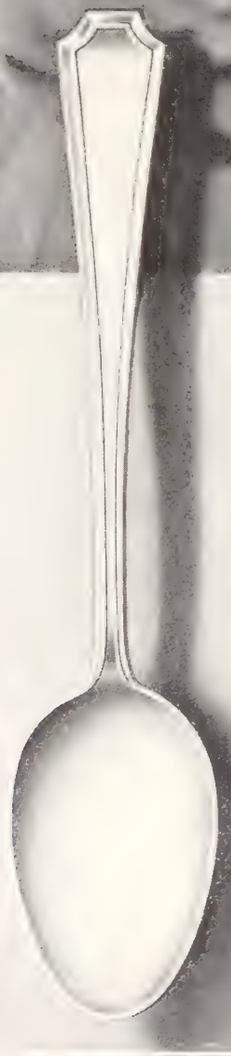
FIFTH AVENUE · NEW YORK



FAIRFAX—*By the Master Craftsmen*

James Harriott, for 48 years a Gorham Master craftsman of the Durgin Division, Concord, N. H., engraving a special design on a Fairfax waiter.

THE supremacy of FAIRFAX remains unchallenged. This exquisite pattern, designed and wrought by the master craftsmen to-day leads in volume of sales all other sterling patterns in the world.



FAIRFAX PATTERN

Tea spoons 6 for $9.50
Dessert knives 6 for 19.00
Dessert forks 6 for 21.50

GORHAM

PROVIDENCE NEW YORK

AMERICA'S LEADING SILVERSMITHS FOR OVER 90 YEARS



DANERSK FURNITURE

An interpretation of the best in Early American Design

WE take it as an axiom that good design in furniture must be based on the best traditions of the past.

As an architect holds to the lines and proportions of a cottage in Brittany, a Long Island farm house, or one of the mansions by McIntyre or Bullfinch, and yet produces a thoroughly modern house with every contrivance for convenience—so we take Early American pieces of the best design, and adapt them to meet the requirements of modern homes.

We use as our inspiration early beds of maple, quaint chairs and cupboards, a rare Sheraton settee from England, and refine the turnings, equip them with modern springs and mattresses, tilt the backs for comfort, put in trays for silver, upholster with deep spring seats and cushions of softest down.

The spirit of joinery is retained. Every detail of value in design is adhered to. By this means true values are created.

The charm of a room done in Danersk Furniture is in its simplicity, and the friendly, livable atmosphere it creates; in the exquisite workmanship and refinement of detail of the individual pieces — pieces whose historical associations are as much a part of our American inheritance as our great traditions in literature and government.

And these things need no special setting. They are so direct and genuine that they bring the truth of tradition and hidden values of construction to all homes where good taste, quaint interest, and comfortable dignity are valued.

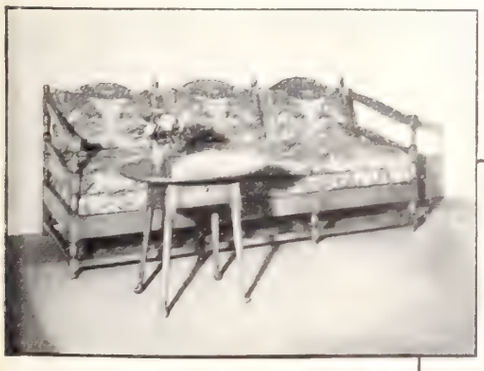
Every householder, whether living in an apartment or private dwelling, can experience in Danersk Furniture the joy of interiors where each room has its definite message, and each piece of furniture its association with something worthy of regard.

The range of our productions includes groups and pieces for all the important rooms of the house.

The only places where a complete display of Danersk Furniture may be seen are listed below.

The problem of the proper selection of furniture for your home is an important one, and worthy of the best consideration. A visit to our showrooms will more than repay the time spent there.

Call now, without obligation to purchase. Immediate delivery can be made to any section of the country.



A sun room couch, so contrived as to be useful as a day bed. Old maple coffee table, American 1690



Sheraton Settee of simple dignity and comfort, faithful in all its details of design to the best of the Eighteenth Century. Drop leaf coffee table of painted satin-wood ($50)



Pendleton bedroom group, inspired by interesting originals of the earliest period of American design

ERSKINE-DANFORTH CORPORATION

383 Madison Avenue, New York

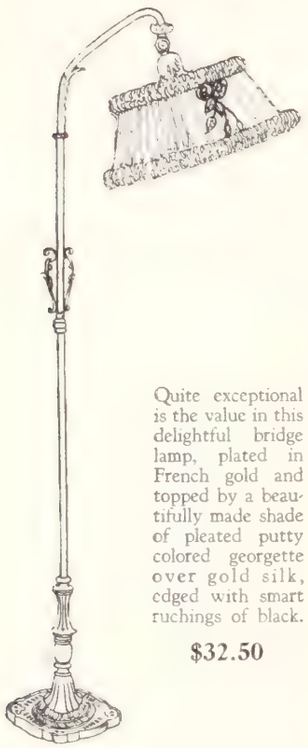
Opposite Ritz-Carlton Hotel

Chicago Salesrooms
315 Michigan Avenue, North

Factories in New England

Los Angeles Distributor
2869 West Seventh Street

ALMCO LAMPS



Quite exceptional is the value in this delightful bridge lamp, plated in French gold and topped by a beautifully made shade of pleated putty colored georgette over gold silk, edged with smart ruchings of black.

$32.50



Quaint Dresden figures, mounted in gold-plated metal, form the base of this beautiful lamp. The shade is of gold cloth, with prim pleated ruffles of antique gold lace and handmade flowers.

A lovely symphony in peach and gold tones is the bridge lamp with metal standard, plated in French gold and peach color, mounted on a Yavapai onyx base and twined with Dresden flowers. The color scheme is completed by a shade of peach taffeta over gold silk edged with shaded brown grosgrain and green velvet ribbons and finished with silk floral sprays.

Introducing a new Lamp fashion

From the Almco Studios, where a large proportion of the authentic lamp fashions has originated in recent years, comes the announcement of a new type of lamp—the metal base with a plated finish simulating antique or bright gold, silver, French bronze, English brass, Swedish iron or other effects. With this handsome finish are combined ornaments of Yavapai onyx or Dresden china or delicate vases of etched or colored glass. Like all Almco Lamps, each of these lovely new creations is designed as a complete unit, with base, shade and all details of line, color, trimming and finish in entire accord.

Would you like to see these charming lamps? Ask for them in any of the better stores. Dealers will gladly show you all the smart new styles, with the beauty of workmanship and artistry of design that have made Almco Lamps known the country over as "America's most beautiful lamps." You can identify Almco Lamps by the Almco tag or label on base or shade. Write for our free booklet, "What Good Taste Decrees in Lamps."

* * *

If you contemplate visiting New York or Chicago, ask your dealer for a letter of introduction to our beautiful show rooms.

A slim vase of pink Yavapai onyx mounted in plated gold on an onyx base forms this charming lamp. Terra cotta taffeta over marigold silk and heavy antique medallions are used for the shade.





Pink Yavapai onyx, mounted in gold-plated metal, is used in the base and shaft of this handsome lamp. The shade is of pleated rose gold cloth over rose silk, edged with turquoise velvet ribbon, and stunning floral motifs on puffing of gold cloth.

ART LAMP MANUFACTURING COMPANY Dept. B

Display Rooms

Almco Building, 1433 South Wabash Ave., Chicago - 306 Fifth Ave., at 31st Street, New York

A good wood *for* Good Furniture



Gumwood legs and crosspieces support a richly inlaid top of selected hardwoods

FURNITURE of character is the secret of tasteful appearance and liveableness in our homes—correctly proportioned, of good wood, good design and construction, carefully chosen to suit the room and its furnishings. It is not a question of cost, as reasonably priced articles, if properly designed and made, are objects of real beauty and lasting value. They are an investment in good taste.

From earliest times to the present, furniture making has been an art, practiced by master craftsmen who took the best motifs from periods which had preceded them, created new types of their own, and transformed objects of utility under the inspiration of their genius.

We today profit by their leadership, and in modern furniture we find the ideals of the past adapted to our own requirements, and expressed in the many fine cabinet woods which Nature has so generously provided.



All Gumwood construction, except ornamental panels



The carved posts and stretchers of this exquisite table are Gumwood, finished to harmonize with the surface wood used

American Gumwood is one of the woods of highest value in the making of good furniture.

A Most Useful Wood

Leading manufacturers have adopted Gumwood in the construction of their finest suites, utilizing the most diversified woods. In fact, no better furniture as regards appearance and durability can be made than that in which Gumwood has been generously and suitably used.

Its working qualities make it highly suitable for use with other woods—for all solid parts, such as legs, posts, and member supports of all kinds, as well as for designs calling for all Gumwood. There is a warmth in the native hue of Gumwood which suffuses itself through any finish applied; the result is elusive, delicate, and very beautiful. And there is also perfect harmony in effect, for Gumwood takes a finish in conformity with other cabinet woods, with which it is used.



Gumwood for solid parts permits extra value in design, finish, and treatment of other woods used for surfaces

In the building of a home, different woods are used for joists, siding, floors, paneling, and other decorative or structural elements, each selected for the work to which it is best fitted. Architect and builder are relied upon to know the material that will best serve.

Trust the Maker

So, too, in the making of good furniture, manufacturing craftsmen know woods, and which to use for definite purposes and effects. They appreciate the properties of all woods, and the widely accepted use of Gumwood by masters of their art is its best endorsement.



WOOD is Nature's gift to man—a material we like to touch, and live with; and we draw liberally upon the wealth of Nature to enrich our homes.

American Gumwood, the product of our Southern woodlands, contributes its distinctive texture and coloration; it enjoys a proud place in the family of accepted cabinet hardwoods.

A M E R I C A N G U M W O O D



Retail furniture stores the country over offer for sale good furniture in which American Gumwood is used. They so advertise it, and endorse it to the public



Mail Coupon for Booklet

This booklet covers in more detail the accepted use of Gumwood in furniture. It contains also full page color plates suggesting the decorative possibilities of this wonderful wood for paneling and interior woodwork. Free on request.

GUMWOOD SERVICE BUREAU of the HARDWOOD MFRS. INSTITUTE
Bank of Commerce Bldg.
Memphis, Tenn.

Please send me your booklet—
"BEAUTIFUL AMERICAN GUMWOOD"

Name .....

Address .....

City ..... State .....

New draperies of Merrimack Sunfast Velour, designed by
CHAMBERLIN DODDS



LUSTROUS AND SUNPROOF
MERRIMACK VELOURS

GUARANTEED MOTHPROOF
MERRIMACK VELOURS

MODERATELY PRICED
$3 A YARD AND MORE

SUN WILL NOT FADE THEM

THE Sunfast guarantee of Merrimack Velours is your assurance of durable color in your overdraperies. Their lustrous finish and closely woven pile attest their superfine quality. The price permits their use in any home where there is a desire for the beautiful and the latest style.

MERRIMACK MANUFACTURING CO., Lowell, Mass.
Lawrence and Co., *Selling Agents*
89 Franklin St., Boston 24 Thomas St., New York

In Fostoria is everything you need to make your glassware service complete. . . . Dinner goblets and iced tea tumblers of course; sherbet glasses; compotes; bonbon dishes; candlesticks and bud vases; finger bowls; salad plates—many other lovely things. You do not have to spend a great deal of money to purchase very beautiful Fostoria glass. Fostoria also gives you the satisfaction of being able to match patterns and add new pieces to your set whenever you wish. Coin-gold encrusted ware; hand-blown etched crystal; iridescent, amber, blue, canary and clear green glass, Fostoria is sold in the finest shops. "The Little Book About Glassware" describes housekeeping assortments of glassware, tells the correct etiquette of the glassware service, suggests delightful gifts. Send for it today.—Address The Fostoria Glass Company, Moundsville, W. Va.

Fostoria

FINE CRYSTAL AND DECORATED GLASSWARE



Pitcher with matching iced tea glass (Virginia pattern), iridescent parfait glass. Every piece of glassware leaves our factory bearing this brown and white label.

Fostoria



Capitol Boilers

Capitol Boilers are made in a wide variety of types and sizes to meet the requirements of any heating need.

You will find them in great modern apartment buildings and modest cottages. Large or small, these boilers conform to one high standard of efficiency and one manufacturing ideal.

No heating plants can offer greater economy of operation or more impressive service records because Capitol engineering is as old as the industry—and as modern as current heating science.

A Capitol is a safe boiler to buy and a comfortable boiler to own. Many thousands of users will tell you just that—and any heating contractor will confirm it.

Branch and Sales Offices

*Boston	*Brooklyn	*Cleveland	*Milwaukee	*Kansas City
*Springfield, Mass.	*Harrison, N. J.	*Columbus	*Indianapolis	*Des Moines
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New York	Pittsburgh			*Portland, Ore.

*Warehouse stocks carried at points indicated by star

UNITED STATES RADIATOR CORPORATION

General Offices, Detroit, Michigan

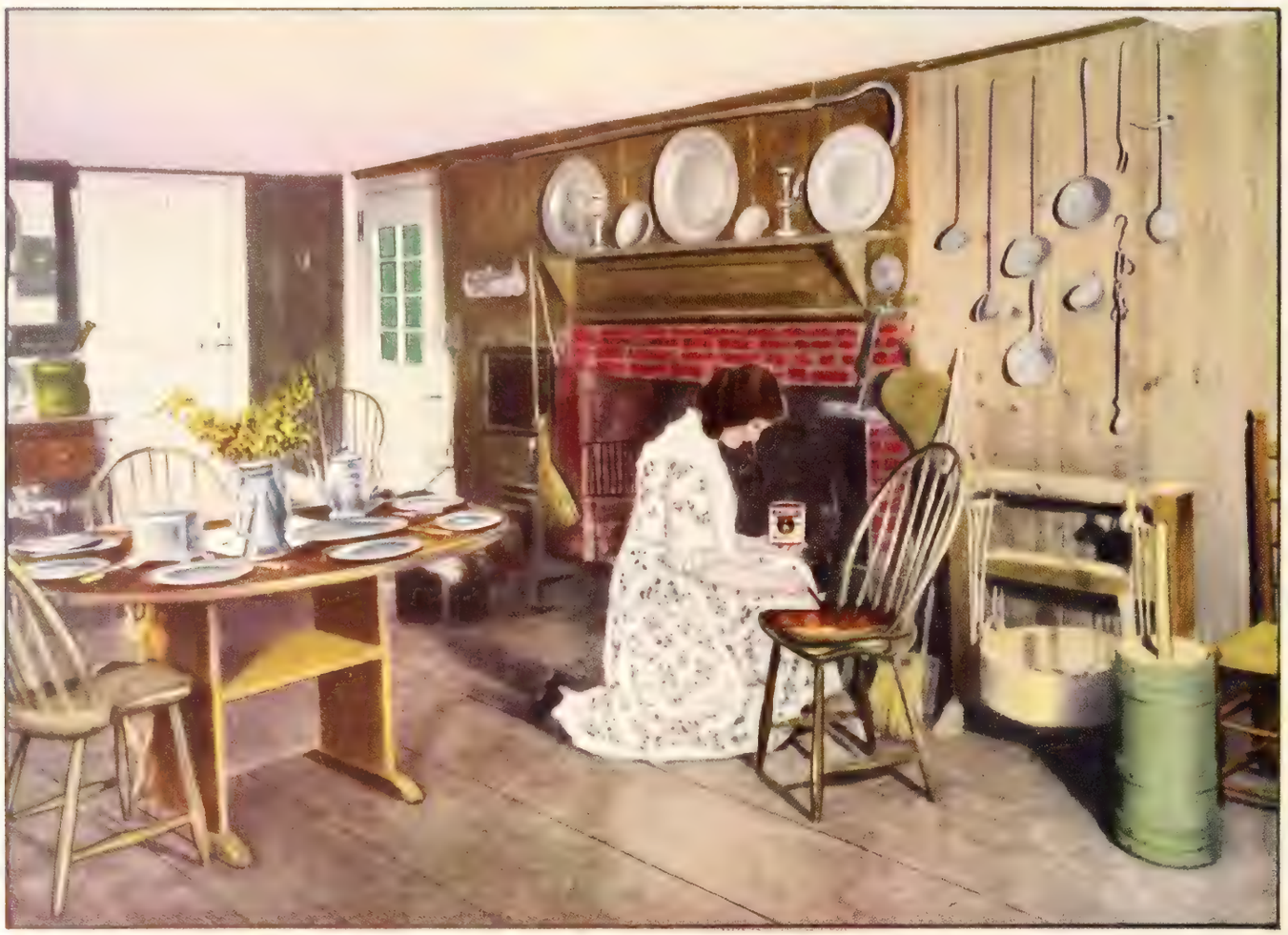
We shall be glad to send you an illustrated booklet which fully explains the modern idea in house heating.



The Wills Sainte Claire Six Roadster

Behind the wheel of a Wills Sainte Claire, the boys and girls of today are enjoying the same thrill, the same pride of possession their Dads and Mothers enjoyed astride the seven-gaited Thoroughbreds of Old Kentucky when Springtime was on the road thirty years ago. ∽ ∽ ∽ The new Wills Sainte Claire Six—with the charm, the appearance and the spirit of unconquerable youth—talks to youth in its own language. ∽ ∽ ∽ Keenly alive and responsive; untiring and ready to go anywhere, anytime; the Wills Sainte Claire has won the heart of American Youth—it is America's most loveable car.

WILLS SAINTE CLAIRE, INC.
MARYSVILLE, MICH.



Color and Beauty–
easily applied with Kyanize



So easy to use. A transparent, beautiful stain and a brilliant, durable, waterproof varnish ready to use without mixing, stirring or fuss—just dip the brush and apply—that's KYANIZE Floor Finish. Wherever there's a grain to be preserved, KYANIZE Floor Finish is the finish to use. Adds years to the life of hard woods. Gives color and beauty at the same time. *Because* it has been tested for toughness on floors *is the very reason* you should use it on chairs, tables, dressers, desks and all kinds of furniture. Won't scratch white. Flows smoothly. Dries overnight.

Comes in clear varnish and eight attractive colors. Ask for KYANIZE Floor Finish at your dealer's or send for color chart and new book, "The Charm of Painted Furniture". Note our special trial offer below. Results are guaranteed to be satisfactory or "money back for the empty can". Try refinishing with KYANIZE today.

Special $1. Trial Offer

If you cannot find a KYANIZE dealer in your locality, send us name of nearest dealer together with ONE DOLLAR and we'll send you prepaid a full pint can of KYANIZE Floor Finish and a good brush to apply it. Mention color you prefer: Mahogany, Golden Oak, Cherry, Light Oak, Rosewood or Dark Mahogany, Walnut or Brown Mahogany, Colonial Green, Dark Oak, Natural or "Clear".

BOSTON VARNISH CO., 462 Everett Station, Boston 49, Mass.



KYANIZE *Floor Enamel. A hard, durable, solid color enamel for covering up worn floors, indoors or out. Gives a washable, beautiful surface that stands the wear. Nine popular colors. Color chart on request.*



KYANIZE *Celoid Finish, a smooth, easy-flowing enamel, gives a "hand-rubbed" finish to furniture. Comes in 9 pastel tints. Booklet, "The Charm of Painted Furniture", tells how it may be used. Send for it. It's free.*

Kyanize



VARNISHES & ENAMELS *for Floors~Furniture~Woodwork*



Disease germs and Listerine, the safe antiseptic, simply do not get along together.

LAMBERT PHARMACAL COMPANY, SAINT LOUIS, U.S.A.

TORONTO · LONDON · MELBOURNE · PARIS · MADRID · MEXICO CITY

"CREO-DIPT"

TRADE MARK REG. U. S. AND CANADA

Stained Shingles

For Sidewalls and Roofs



Home of J. L. Thurmond, Omaha, Neb. T. H. Maenner Co., Architects.

What an alluring picture that house of yours can be

BUILDING time is here again · · · The time that stirs in everyone the longing for a home · · · Not just a house · · · A home · · · A haven of contentment · · · The kind of a home that Creo-Dipt makes—beautiful—attractive—altogether livable.

There are innumerable wonderful Creo-Dipt shades. Blues like a Maxfield Parrish sky · · · Greens to match a carpet of grass · · · Reds of the sunset · · · The brown of burnished bronze · · · Soft rich grays in varied tones · · · And Dixie White of the old Southland.

Creo-Dipt Shingles are durable beyond words. They last a lifetime on walls or roof. And for years to come you needn't worry about the paint problem. There is none. For Creo-Dipt colors don't fade in streaks but become soft and mellow with age, like fine old chintz.

Would you like a portfolio which contains 50 photographs of Creo-Dipt homes—large and small—designed by prominent architects? Send 25c for it today. Or, if you have an old house, grown dingy with the years, send for our free booklet, "Giving the Old House a New Lease on Life."

CREO-DIPT COMPANY, INC.

General Offices: 1018 Oliver Street, North Tonawanda, N.Y.
In Canada: Creo-Dipt Company, Ltd., General Offices: Toronto.

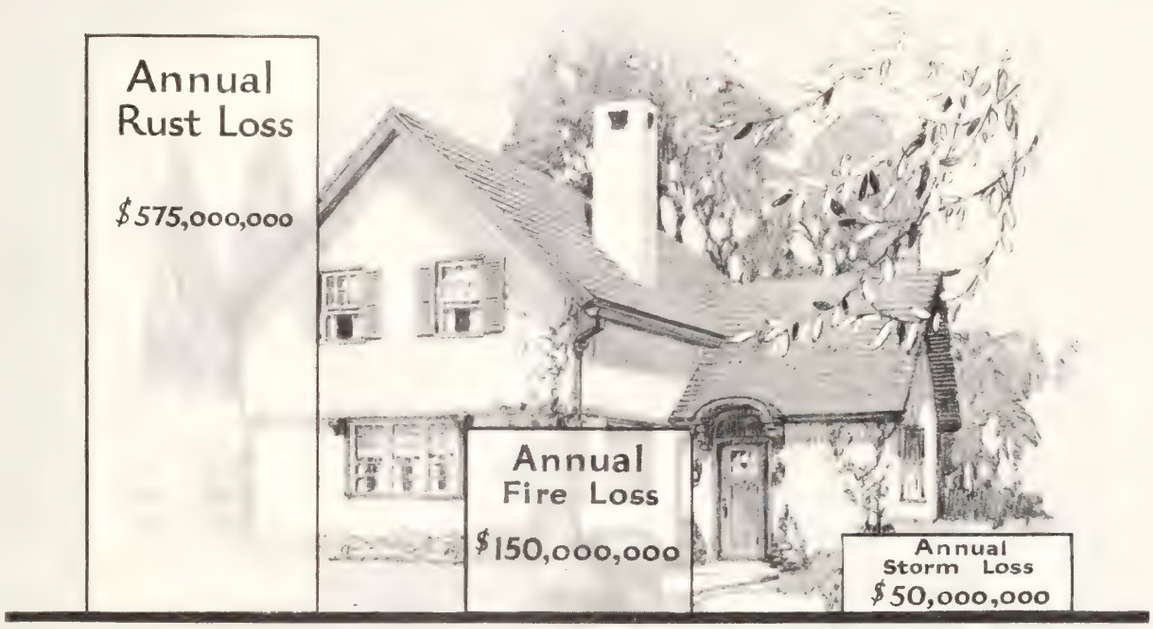
Plants located for easy shipping at North Tonawanda, N. Y., St. Paul, Minn., Kansas City, Mo., and Vancouver, B. C. Lumber dealers everywhere carry Standard Creo-Dipt colors in stock.

Home of Edward M. Deane, Grand Rapids, Mich. Kenneth Welch, Architect.

© C.-D. Co., Inc., 1925



This portfolio includes 50 large photos of beautiful Creo-Dipt houses. You will find it full of interesting suggestions.



Your RUST risk is 3 times your Fire risk

You insure your home against fire—but how about insurance against Rust?

If fire insurance is logical, Rust insurance is even more so because the annual loss from Rust is *three* times the fire loss.

The only way to banish rust is to use Copper, Brass or Bronze for all exposed metal parts—*for these metals cannot rust.*

Anaconda Brass Pipe insures a full flowing supply of clear water from every faucet in the house. Rain gutters and leaders of Anaconda Copper will eliminate all painting and repair expenses. Window and door screens of Anaconda Antique and Golden Bronze Wire will last a lifetime.

Descriptive literature will be gladly sent on request.

ANACONDA
from mine to consumer

This trademark identifies the products of the world's largest manufacturers of copper, brass, bronze and nickel silver.

Every step in the manufacture of Anaconda products, from the mining of the ore to the finished product, is under the coordinated control of a single organization.

THE AMERICAN BRASS COMPANY
GENERAL OFFICES: WATERBURY, CONNECTICUT
Offices and Agencies in Principal Cities
Mfrs. ANACONDA AMERICAN BRASS LIMITED, New Toronto, Ontario

ANACONDA COPPER
BRASS ANACONDA BRONZE
ANACONDA
from mine to consumer



Find hidden treasures in your home

Some facts to guide your search

YOU will surely find treasures when once you own your own home. There is the joy of possession, the pride of having things just as you wish them, the satisfaction of adding to and developing as you yourself plan. But there is more even than this.

One of the greatest treasures is hidden—the jewel of permanent satisfaction. It is sought by all home owners, and found by those who look below the surface when buying or building. Its attainment means freedom from frequent repair bills, the lessening of depreciation, the preservation of original value.

How to get Permanent Satisfaction, whatever you build

[1] Get Dependable Materials

Reputation for dependability has made Lehigh Cement the largest-selling cement in the world. Last year, contractors, engineers, architects and owners used over 68 million sacks.

In buying building materials remember this point:

The dealer who insists on carrying Lehigh for you, often does so in the face of constant pressure to offer you the "just as good" brand. Is it not reasonable to expect such a dealer to protect your interests in other ways also by handling a line of thoroughly dependable materials? Let the Blue-and-White Lehigh Sign guide you to a reliable dealer.

[2] Get Competent Workmanship

Even with the best materials you can get poor results unless you secure competent workmanship.

A good contractor will save you money through skilful building economies. He will put quality both where it can be seen at the start and also where it will be noticed for its low repair expenses in the years to come.

A point to remember in choosing a contractor:

The contractor who insists on dependable materials is likely to hire competent help and to put skill and dependability into all that he does.

LEHIGH PORTLAND CEMENT COMPANY

ALLENTOWN, PA. BIRMINGHAM, ALA. CHICAGO, ILL. SPOKANE, WASH.

Look for this Blue-and-White Lehigh Sign, known from Coast to Coast, the mark of the reliable dealer. He sells permanent satisfaction.

LEHIGH CEMENT

LEHIGH · THE NATIONAL CEMENT · 18 MILLS FROM COAST TO COAST

Make Concrete of LEHIGH CEMENT for Permanent Satisfaction

Barns—*for low upkeep*
Benches and sun dials—*for beauty*
Cellar floors—*to keep dry, clean*
Cisterns—*to keep water pure and soft*
Clothespole posts—*to prevent rot*
Cold-frames and hot beds—*for early plants*
Drains—*for permanent improvement*
Driveways—*for appearance and low upkeep*
Farm buildings and improvements—(*ask for our special Farm Book*)
Fence posts—*to save money*
Floors—*for economy*
Footings—*to save old buildings*
Foundations—*for permanence*
Fountains—*for attractive appearance*
Garages—*for greater fire safety*
Garage floors—*for highest utility*
Gate posts—*to avoid repairs*
Gutters—*for better drainage*
Homes—(*ask for special Home Book*)
Pergolas—*for ornamentation*
Porches and porch posts—*for economy*
Poultry houses—*for permanent, sanitary floors*
Roofs (tile)—*for beauty and low upkeep*
Septic tanks—*for necessary sanitation*
Sidewalks—*to keep houses clean*
Stairs and steps—*for permanence*
Stucco—*for beauty and low upkeep*
Swimming and wading pools—*for clean swimming*
Tennis courts—*for accuracy, dryness*
Urns and flower boxes—*for decoration*
Walls—*for permanent protection*
Water tanks—*to protect water supplies*
Well covers, linings and platforms—*for permanence and sanitation*

FREE Booklets!

If you want information on any of the above, check the subjects in which you are interested, sign your name and address, and mail to us or to your Lehigh dealer. You will receive, free of cost, our bulletins and booklets.

Name.....

Address.....

18-E



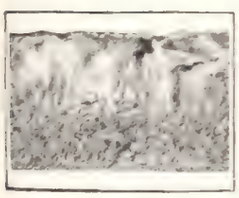
Preston shingles give distinction to your home

THE mellow tints and distinctive design of Preston Hexo-Diamond Shingles combine to give character to your house whether a cottage, a bungalow or a mansion. The soft colors of the slate and stone surfacing material harmonize perfectly with the color scheme of any house and the effect is like a roof fashioned by nature, herself.

Preston Hexo-Diamond Shingles produce a design which is a series of uniform hexagons. This unusual pattern gives an air of individuality to your house.

Preston Shingles are made in three thicknesses, Standard, Extra-Heavy and Massive. The Massive is much thicker than any other slate-coated asphalt shingle on the market. This thickness not only adds to the appearance but to the life of a Preston Roof and it produces the distinct shadow line that architects insist upon. In addition to the Sunset blend, Preston Shingles are made in three solid colors, red, blue-black and green.

We shall be glad to give you the name of a dealer or contractor who can supply you with Preston Shingles.

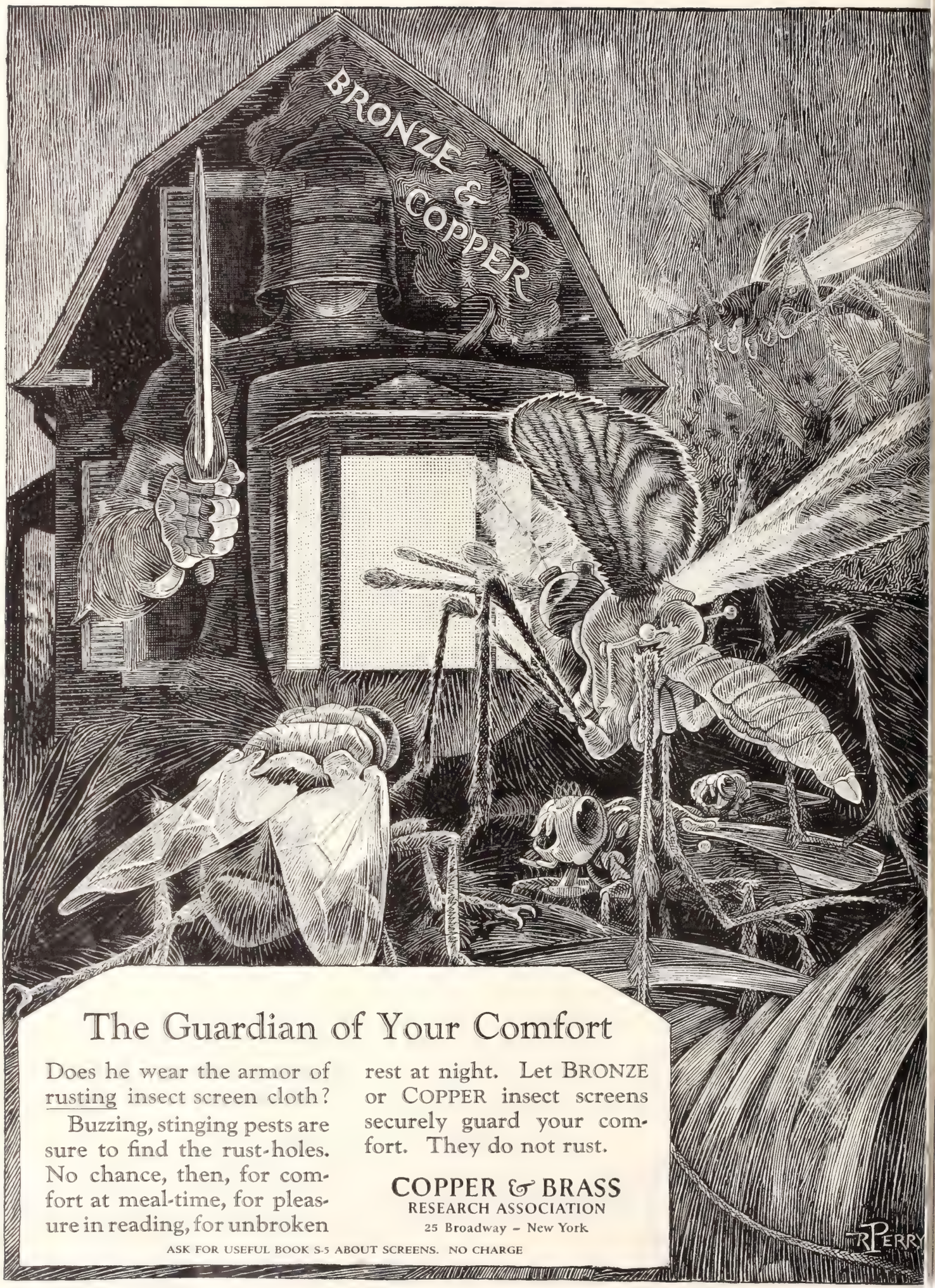


MICROSCOPIC ENLARGEMENT

The wearing qualities of Preston shingles depend not only on the quality but on the quantity of asphalt which each shingle contains. If you examine the edge of a Preston Shingle, you will notice that it is practically a solid body of asphalt. This feature of Preston Shingles accounts for their remarkable wearing qualities.

KEYSTONE ROOFING MANUFACTURING COMPANY, York, Pennsylvania
Dept. B3

Preston ROOFING



The Guardian of Your Comfort

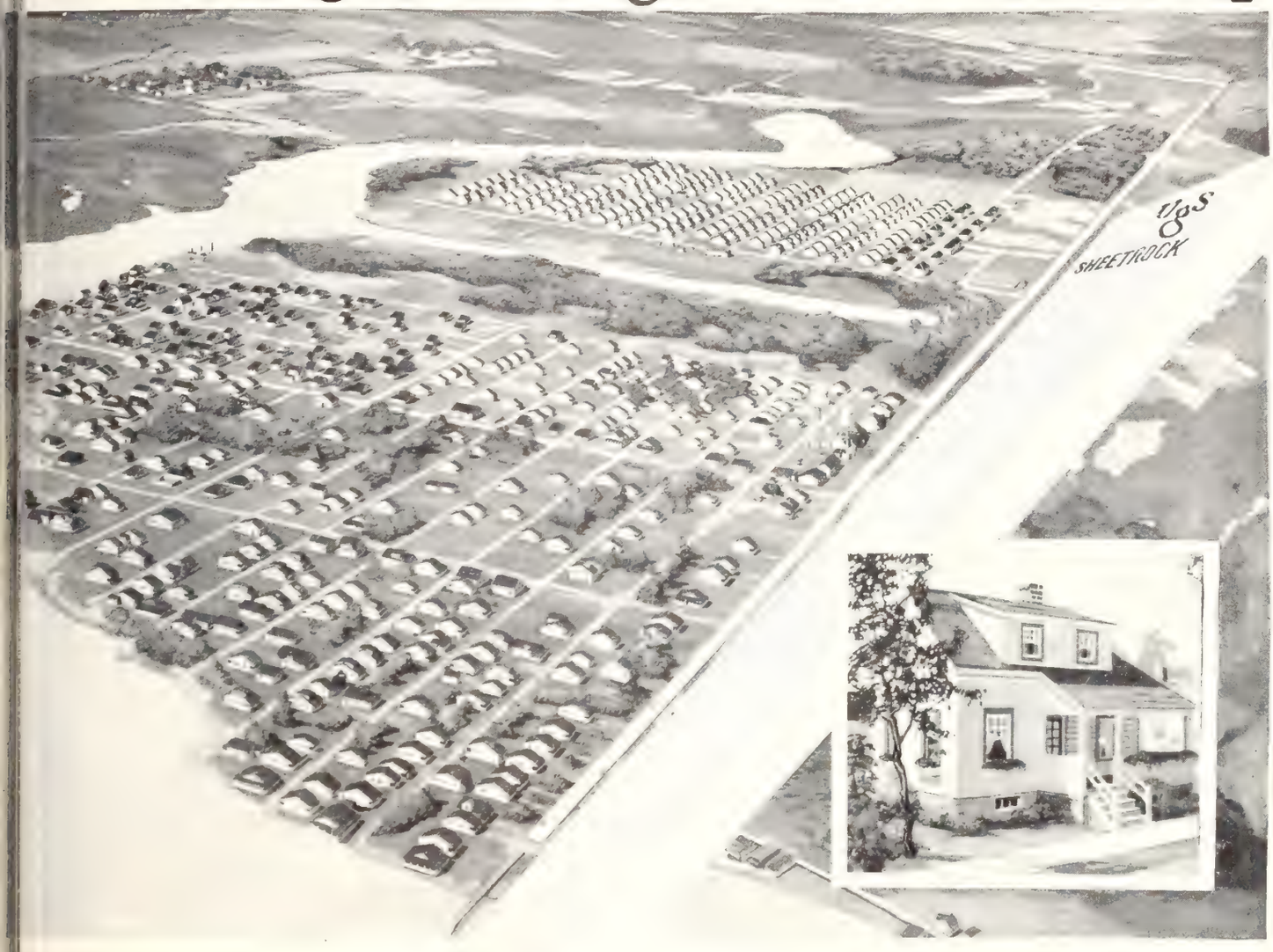
Does he wear the armor of rusting insect screen cloth?

Buzzing, stinging pests are sure to find the rust-holes. No chance, then, for comfort at meal-time, for pleasure in reading, for unbroken rest at night. Let BRONZE or COPPER insect screens securely guard your comfort. They do not rust.

COPPER & BRASS
RESEARCH ASSOCIATION
25 Broadway – New York

ASK FOR USEFUL BOOK S-5 ABOUT SCREENS. NO CHARGE

For a Single Cottage or For a Group



Gerritson Beach, *near Brooklyn, L. I., a new is nearing completion—the development of Gerrit- Beach, Inc., and Realty Associates. Every and ceiling in these more than 200 homes ade of Sheetrock. The illustration is a 's-eye view from an actual aerial ograph.*

You may be planning a neat new summer cottage at the beach or in the mountains, or possibly joining with a number of your friends to build an entire little summer colony, or some similar group of buildings.

In any of these events, it will pay you to use Sheetrock, the *fireproof* wallboard, for the walls and ceilings.

Then you will enjoy every advantage of easy, quick, and *permanent* construction at low cost.

Sheetrock is made of pure gypsum, rigid, non-warping, and a natural insulator. It comes in broad, high sheets that need only to be nailed to the joists or studding. Takes any decoration perfectly—wall paper, paint, panels, *Textone,* the new USG decorative wall finish.

Your dealer in lumber or builders' supplies sells Sheetrock. Only the United States Gypsum Company makes it. Our illustrated booklet—"Walls of Worth"—pictures its many economical uses in new construction, alterations and repairs. Write for a free copy and a sample of Sheetrock.

Sheetrock is inspected and approved as an effective barrier to fire by the Underwriters' Laboratories, Inc.

UNITED STATES GYPSUM COMPANY

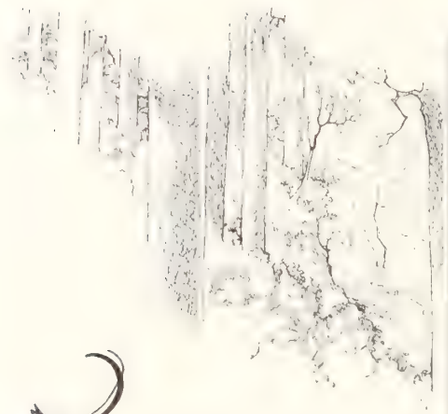
General Offices: 207 West Monroe Street, Chicago, Illinois

SHEETROCK

The *FIREPROOF* WALLBOARD

Reg U S Pat Off.

Be Careful Before—Instead of Sorry After You Build!





Interior view of Arts and Crafts home of W. M. M. Lewis, 2455 Bedford Rd., Columbus, showing Ritter Appalachian Oak Flooring in Living Room.



Interior view with oak floor of Arts and Crafts home of Mr. and Mrs. Lewis, showing Ritter Appalachian Oak Flooring in Dining Room.



FAILURE *to exercise care* in the selection of a good brand of Oak Flooring for your home will result in a *daily reminder,* after its completion, of the *mistake made.* By *exercising care* in the selection of flooring, you can obtain *beautiful floors* such as every prospective home builder *admires and seeks.*

The great difference in the qualities of Oak Flooring is not generally known. Consequently, it is only natural that many home builders, assuming that all Oak Flooring is alike, buy indiscriminately, accepting what is offered.

Much of the flooring on the market today is coarse in grain, uneven in texture and ununiform in color. Oak that makes beautiful floors must be fine in grain, of close, even texture, and uniform in color. Such material is produced in the Appalachian region, famous for its excellent Oak, from which all RITTER Oak Flooring is manufactured. This Appalachian timber possesses the essential qualities necessary in the construction of beautiful floors.

Ask your dealer for it or suggest to your architect that it be specified. Each piece of Ritter Appalachian Oak Flooring is branded on the back with the words "W. M. RITTER LBR. CO."

Note for Architects

The standard rules for grading Oak Flooring give consideration to such imperfections as knots, worm holes, sap, splits, and similar defects but they do not consider the grain, texture and color of the flooring. Therefore, to be assured of beautiful Oak Floors, it is necessary to specify, in addition to the grade desired, that the flooring be manufactured of **Highland Oak.** The easiest and safest way is to ask for Ritter Appalachian Oak Flooring.

H. G. 5

W. M. RITTER LUMBER CO.,
COLUMBUS, OHIO

Gentlemen:

Kindly send me, without obligation, your valuable booklet explaining the importance of the floors in a home, how to lay flooring and the points of superiority of Ritter Appalachian Oak Flooring.

Name

Address

City

W. M. RITTER LUMBER COMPANY

America's Largest Producer of Hardwood

GENERAL OFFICES: 115 E. RICH ST., COLUMBUS, OHIO

RITTER
APPALACHIAN OAK
FLOORING

Mail the Coupon

For full information regarding the many advantages of Ritter Oak Flooring, consult your lumber dealer or mail the coupon opposite, to us and receive free our attractive booklet.

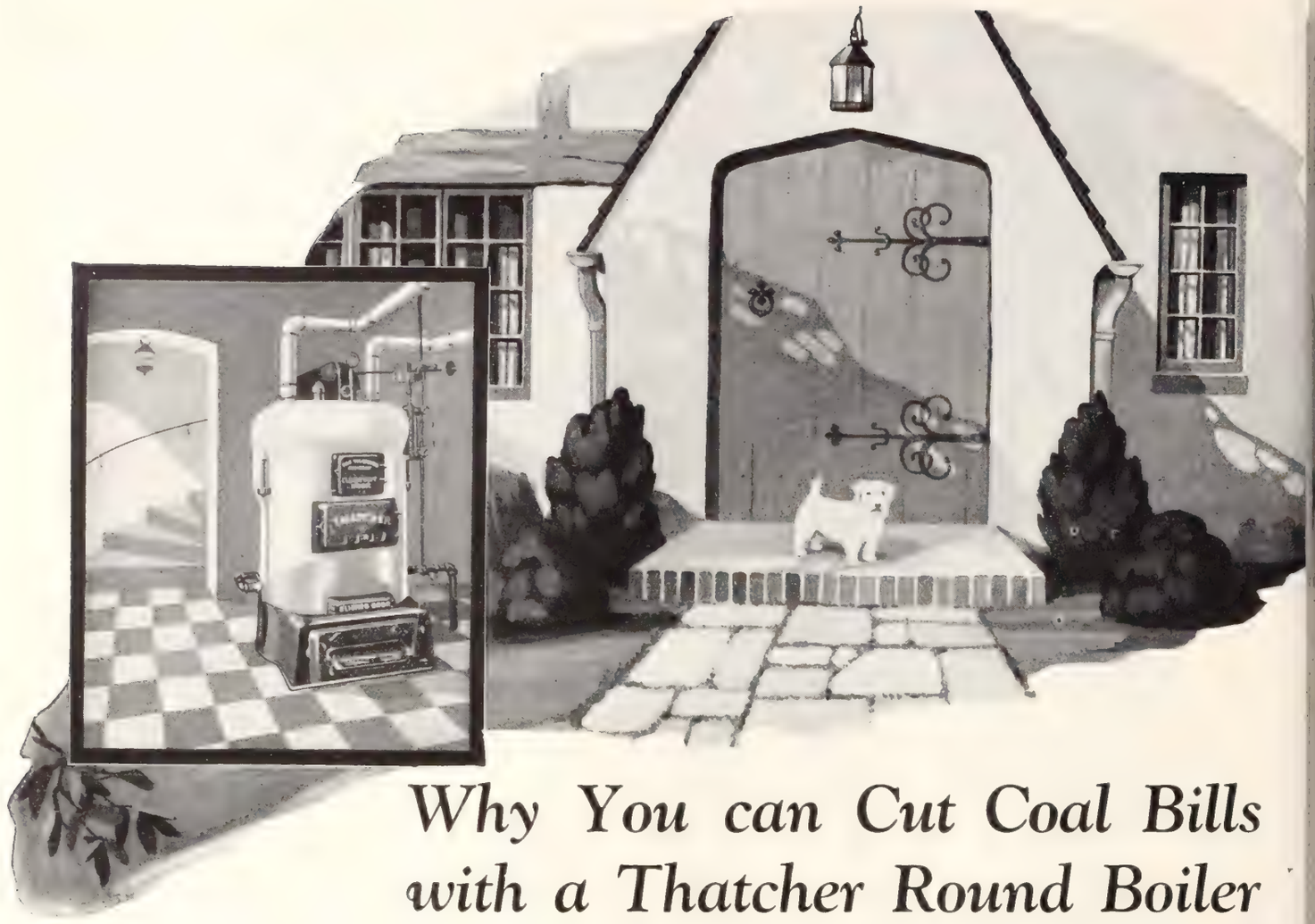
THIS IS A STUDEBAKER YEAR



SO-CALLED "exclusiveness" in motor cars is generally nothing more than limited production—and that means high prices.

The new Studebaker Big Six Sedan is built complete by Studebaker—body and chassis—in company with other models, in large volume with only one manufacturing cost. This explains its very low price—

$2575, f. o. b. factory, including front and rear bumpers and extra balloon tire.



Why You can Cut Coal Bills with a Thatcher Round Boiler

"IT ISN'T the initial cost—it's the upkeep!"—true of heaters as well as of motor cars. Poor heating equipment wastes fuel and places the cost of heating the home entirely out of proportion to other expenses. It makes economy virtually impossible.

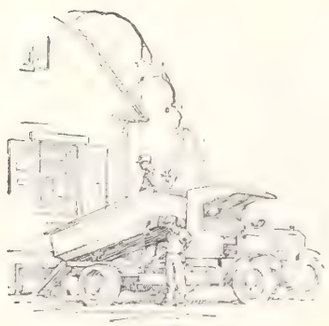
The surest way to really cut fuel bills is to install a Thatcher Round Boiler. Once it is properly installed in the basement and begins operating, you'll notice the difference in coal consumption.

The reason why fuel lasts longer in a Thatcher Round Boiler is because it extracts practically every heat unit from the coal. The special "Staggered Fire Travel" uses all valuable hot gases to heat the house instead of allowing them to go to waste up the chimney.

Because of its conservative rating, the Thatcher Round Boiler does not *overheat* or *underheat* the house, but keeps every room at a consistent and comfortable temperature. Before each boiler leaves the plant, it is subjected to the most rigid tests, which insures perfect operation when installed.

Back of every Thatcher Boiler stands seventy-five years experience and a guarantee of perfect heating satisfaction.

Write for the Thatcher Boiler Booklet. It will be a helpful guide in selecting your new heating equipment.



THE THATCHER COMPANY
Formerly Thatcher Furnace Co.
Since 1850

19 West 44th St.
New York City

39-41 St. Francis St.
NEWARK, N. J.

341 N. Clark St.
Chicago, Ill.

THATCHER

BOILERS · FURNACES · RANGES



Individuality in Floors

IN the hall, dining room and living room of this distinctive New York residence, the decorator used Stedman Flooring in order to secure the same degree of individuality in the floors that has been put into the other factors of decoration.

Individuality in Stedman Flooring is not merely a matter of the soft colorings, pleasing designs, warmth and durability which are built into the reinforced rubber, but rather a matter of an intangible factor—an active use of the imagination.

An imagination which in making and laying well over 2,000,000 square feet of flooring has initiated new designs and color combinations—an imagination which enables us to give each client a certain individuality in floors.

J. H. Stedman
NATURIZED FLOORING
PATENTED

STEDMAN PRODUCTS COMPANY
"Originators of Reinforced Rubber Flooring"
SOUTH BRAINTREE, MASSACHUSETTS

Agencies in principal cities — *See local telephone directory*

Direct Branches

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1217 Book Building DETROIT	1524 Chestnut St. PHILADELPHIA	462 Hippodrome Annex CLEVELAND

Manufactured and sold in Canada by the Gutta Percha and Rubber Co., Toronto

Typical Stedman Floor Installations

BANKS
Pacific Bank, New York City
First National Bank, Detroit
Federal Reserve Bank, Philadelphia

BUSINESS OFFICES
McKim, Mead & White, New York
Mayor's Office, Quincy, Mass.

CHURCHES
St. Gregory's Church, Philadelphia
Christian Science Church, Cleveland

CLUBS
Grosse Point Country Club, Detroit
Elks Club, Philadelphia

HOSPITALS
Children's Hospital, Columbus
Fifth Avenue Hospital, New York

HOSPITALS
Jefferson Hospital, Philadelphia, Pa.
Baylor Hospital, Dallas, Texas

HOTELS
Ritz-Carlton, New York City
Tuller Hotel, Detroit, Mich.

RESIDENCES
References on request

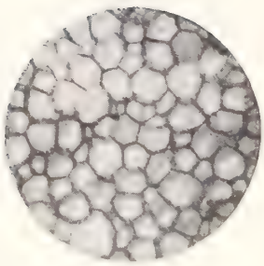
SCHOOLS AND COLLEGES
St. Mary's Seminary, Cleveland
High Schools, Denver
Public Schools, Boston

SHOPS
Stetson Hat Store, Philadelphia
Nettleton Shoe Store, New York
Russek Beauty Shop, New York City

Stedman Flooring as used in a New York Residence by Helen Speer, Decorator

Stedman

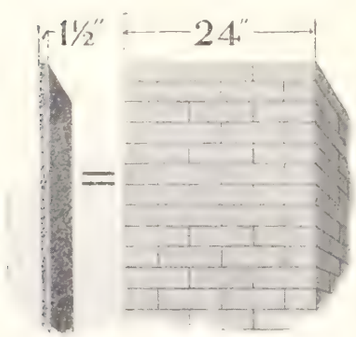
REINFORCED RUBBER FLOORING



Cork is made up of millions of microscopic cells, each one containing a bit of air. These cells are so small and are so tightly sealed that the air in them is "dead," i. e., it cannot circulate. "Dead" air is the best heat insulation known except a vacuum.



Armstrong's Corkboard is strong, light and easy to handle. It is sawed like lumber. It is nailed against frame construction or put up in Portland cement mortar against brick, stone, concrete or hollow tile.



One and one-half inches of Armstrong's Corkboard is equal in insulating value to a 24-inch brick wall. Yet it costs no more than good lumber. No expenditure will buy more comfort and economy than the investment in Armstrong's Corkboard Insulation.



The upstairs is just as comfortable as the downstairs in a house insulated with Armstrong's Corkboard. Insulation makes the attic livable in hot or cold weather and adds one or more rooms to your house. A warm upstairs in winter means fewer drafts, too.

Armstrong's Corkboard is made of pure cork, the outer bark of the cork oak tree, a native of Spain, Portugal and northern Africa. Covering trunk and branches, it prevents the sun's rays and parching winds from drying the sap and killing the tree



Made in boards 12 inches by 32 or 36 inches—from 1 inch to 3 inches thick.

Line Your House with Cork

Cork insulated houses are cool in summer —warm and easy to heat in winter—upstairs rooms are as comfortable as downstairs the year round

BRICK, tile, stone, wood, slate and shingles are not heat insulators. They are conductors; heat goes right through them. That is why most houses are warm in summer and require so much fuel in winter. They need to be insulated (like refrigerators and fireless cookers) to keep the heat outside in summer and inside in winter.

Armstrong's Corkboard Insulation has 16 times the heat-retarding value of brick. A house insulated with cork is cooler in summer. It is more easily and uniformly heated in winter with a smaller plant and with a fourth to a third less fuel. It is a more comfortable, healthful and economical house to live in and has a higher resale value.

Armstrong's Corkboard is by no means a new material. On the contrary, it has been used in the industries for over twenty years and has proved to be the most efficient, practical insulation known for keeping heat where it belongs.

Armstrong's Corkboard costs no more than good lumber. It is easily put up against frame or masonry construction. It takes and holds plaster permanently without lath or furring strips.

A house lined with Armstrong's Corkboard is a house insulated against summer heat and winter cold at a cost so small that *fuel saving alone* will pay it all back.

Write for further information. The 40-page book, "Insulation of Dwellings with Armstrong's Corkboard" will be sent free to all who are building or remodeling houses or apartments. Armstrong Cork & Insulation Company (*Division of Armstrong Cork Company*), 193 Twenty-Fourth Street, Pittsburgh, Pa., or McGill Building, Montreal.

Armstrong's Nonpareil Corkboard Insulation

for Residential, Commercial and Industrial Buildings





The Beautiful Residence of James A. Farrell, South Norwalk, Conn. is Jewett Equipped—so are these homes:

Sen. W. A. Clark, New York
Cornelius Vanderbilt, New York
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Vincent Astor, Rhinebeck, N. Y.
George Eastman, Rochester, N. Y.
Payne Whitney, Manhasset, L. I.
Marshall Field, 3rd, Huntington, L. I.
Seth Thomas, Morristown, N. J.
J. Ogden Armour, Chicago, Ill.
Harold F. McCormick, Lake Forest, Ill.
H. S. Firestone, Akron, Ohio
Mark A. Hanna, Cleveland, O.
William S. Cobb, Washington, D. C.
James Parmelee, Washington, D. C.
Wm. M. Van Leer, Philadelphia, Pa.
Henry Ford, Detroit, Mich.
Sen. W. Murray Crane, Dalton, Mass.
King C. Gillette, Los Angeles, Cal.

The Jewett is Part of the Party

The Jewett Refrigerator is invitingly hospitable on any kitchen party. ¶ For it not only keeps food in a perfect, healthful state of preservation, always—but it lends a tone of refinement—a suggestion of discriminating taste—and an impression of everlasting quality. ¶ You can always feel that your kitchen is in keeping with the rest of your home—and that your guests will be favorably impressed—for Jewett fineness is beyond comparison. ¶ Your inquiry will bring complete information on Jewett Refrigerators.

THE JEWETT REFRIGERATOR COMPANY
125 Chandler Street *Established 1849* Buffalo, New York

Each Jewett compartment is solid porcelain with full rounded corners.

JEWETT

SOLID PORCELAIN REFRIGERATORS



From Nature's storehouse was hauled the oak which beautified the home of Mr. J. Harold Peterson, Toledo, Ohio





Your floor
—the underlying secret of harmony

A GUEST enters your home. Even while greetings are being exchanged the eye takes in unconsciously the arrangement of furniture, beauty of pictures, color harmonies in woodwork and hangings, the richness of rugs, and, underlying it all—the floor.

Later, as details impress themselves, the visitor is conscious of the real foundation of the pleasant atmosphere you have created in your home. "What a beautiful floor!" "How oak enhances the charm and dignity of this room!" Such words may well express the unspoken thought.

Yes, Bruce oak flooring, made with the utmost regard for accuracy and uniformity from selected timber, reflecting the beauty of Nature in every dancing light and shadow, earns for you this tribute.

Wide range of choice

If you are about to build, or remodel your present home, there is considerable latitude in the kind of Bruce oak flooring you may select, and in the new color finishes which may be applied. You may choose white or red oak, plain or quarter-sawn, narrow or wide strips. Each has its characteristic effect, and interesting variety may be secured by treating each room differently. Various patterns of "design" flooring, such as herringbone (shown in the illustration), squares, or basket weave, add the final touch of elegance to the main living rooms of your home.

First impressions will be favorable, when your floor is "Bruce."



Bruce oak flooring, and Bruce "Ceda'line", aromatic Tennessee cedar lining for clothes closets, are sold nationally through lumber dealers everywhere.

BRUCE



THIS book tells you about the convenience, economy and attractiveness of Bruce oak flooring. The ease with which it may be kept clean and bright; the enduring qualities; the increased value added to your home; appropriate use of various grades and widths, with practical suggestions for different rooms; distinctive effects which may be obtained from color finishes. 24 pages of interesting facts, fully illustrated. Write today for your free copy.

E.L. BRUCE COMPANY
MEMPHIS TENNESSEE

LARGEST MAKERS OF OAK FLOORING IN THE WORLD

Boy-Proof Floor Varnish







HERE'S THE DECORATING BOOK YOU WANT

Good for 1,000,000 Steps Liquid Granite!

That Berry wagon you had when you were a child was finished with one coat of Liquid Granite Floor Varnish. Did it ever turn white? Did the finish ever crack, peel or chip?

It was just a quick, "once over" job on a little toy wagon . . . but it stood all of the punishment that weather, hard usage and the neighborhood children could give it.

That same durable, wear-resisting varnish is what you should use on your floors now.

Back in your grandfather's time Liquid Granite was used on the hardwood floors of the best house in town, just as it is today. And when you were a child you may have been one of the first to discover that hammer blows would dent the wood but not mar the finish.

You know all about Liquid Granite. You've known it since you were a youngster. And you know it is more than just waterproof . . . that it wears! Buy it for your floors and save the cost of frequent refinishing.

BERRY BROTHERS INC.

Varnishes Enamels Stains

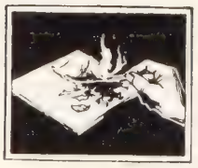
Detroit, Mich. Walkerville, Ont.

"Save the surface and you save all" — Berry's Manual



"Our guests are amazed that so simple a device can so completely relieve us of all care of the furnace."

YOU CAN PROVE THIS IS THE RIGHT WAY TO HEAT WITH OIL



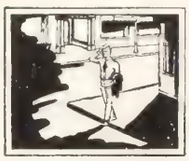
Torn bits of paper light and burn easily.
Law No. 1—
Oil Must Be Broken Up.



Held this way, the flame of a match is clean and does not smoke.
Law No. 2—
Oil Must Burn in Mid-Air.



A match held in the air on a pin will burn completely.
Law No. 3—Oil Must Be Mixed With Air.



Reflected heat makes it hotter between big buildings.
Law No. 4—Oil Burns Best in Reflected Heat.

Four new facts about oil heating

THIS is to people who loathe coal, but continue to use it. Who want an oil burner but are slow to accept them. Particularly to those who do not realize that the oil burner problem was solved six years ago.

Everyone once thought that oil heat was an experiment. But now Oil-O-Matic has given people a new conception of oil heating.

Proved for six winters

In more than 20,000 homes, Oil-O-Matic holds the same balmy temperature from fall to spring. Sudden zero blasts register no decline on their indoor thermometers. All this without their giving it a thought.

Their homes, they boast, are brighter and cleaner. No odor pervades their homes. No unpleasant noise is heard.

This is what Oil-O-Matic offers you and everyone with any type of good heating plant. In any size home or building.

Six years ago our engineers found four principles that were being disregarded. These explained the difficulties others were having in trying to heat with oil. No oil burner can ever be made to work right if its principle is wrong.

Then we built Oil-O-Matic. It was the first to make use of these laws. It cost us $250,000 before we installed a single one in anyone's home. But now it has proved these laws for six winters. Not one single important change has ever been necessary.

The four laws demand this

No hot plates are used because oil must be nebulized, not vaporized. No part is inside the firebox because oil must burn in suspension to avoid forming soot. There's no manual control of dampers because an exact amount of air must be supplied. We line the firebox with brick because reflected heat assures better combustion. The four laws demand this.

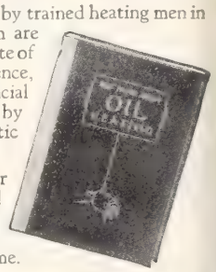
There's no continuous pilot light. No adjustment is necessary if you change from one grade of oil to another. No worry about the oil not lighting or blowing out.

Nothing but constant, automatic heat, pure and simple.

Every installation guaranteed

So Oil-O-Matic is unlike any other device that burns oil. It will interest you to see this burner that has finally solved the problem. There is an authorized dealer near you. Let him give you a demonstration. He guarantees every installation he makes.

Oil-O-Matic is sold and serviced by trained heating men in about 800 cities. Most of them are graduates of the Williams Institute of Heat Research. They have experience, facilities, organization, and financial responsibility. They are backed by the largest producer of automatic oil burners in the world.



Send the coupon now for your copy of "New Facts About Oil Heating." After you read it you will never be content with any other way of heating your home.

This Coupon Brings the Book Free!

Williams Oil-O-Matic Heating Corp. HG 55
Bloomington, Ill.

Send me FREE and POSTPAID your library edition of "New Facts About Oil Heating" and special basement plans for new home..

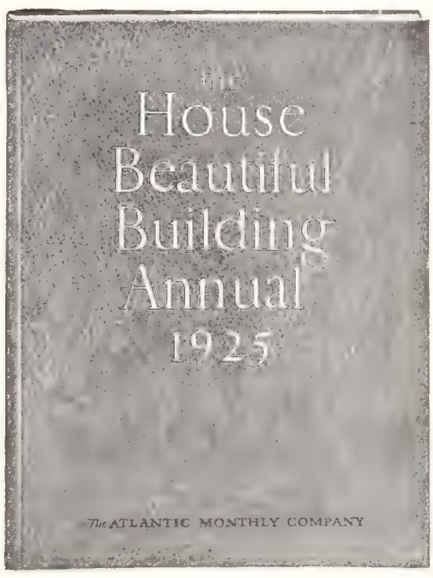
Name .....

Address .....

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Our heating plant is ☐ Steam ☐ Hot Water ☐ Hot Air

WILLIAMS
OIL-O-MATIC
HEATING



IN THIS ONE BOOK

Simply Everything You Want to Know About the Building of Your House

PRICE $1.50

Illustrated with blueprints, drawings, and many photographs

*Don't miss this
It's the best yet!*

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Atlantic
Monthly Co.
8 Arlington St.
Boston 17, Mass.

Gentlemen:

I enclose $1.50
or, I will pay the post-
man $1.50 plus delivery
charges, for my copy of The
House Beautiful Building Annual
for 1925.

Name _____

Address _____

HG-5-25

This entrance to a home in Sterling, Illinois, is an example of Curtis Colonial design

Has it ever occurred to you that the door in the entrance to your home is about the most important single thing in a house? It is the "divide" between the sacredness of your home and all the world outside. Everyone who comes to your door, standing waiting for its opening, gets from it an impression which they take in with them and later take away. It is the first and last thing in your house that they see and touch.

It can be a piece of perfection just as well as a mere something "to fill the bill cheaply."

This complete entrance is an example of Curtis Colonial designing. It is authentic in every detail. Made of white pine, the best wood there is for exterior use. The door will hang rigidly and stay that way. Built to stand the wear. It will take and hold the paint better. Everything about it is guaranteed because on it is stamped the Curtis trademark. That is why its beautiful simplicity, without a trace of pretense, charms all who look at it. Your dealer will furnish an entrance like this, C-100, with the exception of roofings, ceiling and rough material, for about $110.00.



1865 CURTIS

This trademark appears only on Curtis Woodwork. It guarantees the choicest woods, high standards of workmanship and authentic designs.

Any house can now have the best woodwork

YOU can now have the kind of woodwork throughout your home that you would expect to find only in costly houses.

Improved methods of operation have brought the cost down so that any house can have the best. A great organization of mills where they manufacture woodwork of the finest kind on a big scale, using only the best of the best woods, has made this possible.

A prominent firm of architects, Trowbridge & Ackerman, of New York City, have created designs whose superiority and authenticity are apparent.

It is sheer waste of money to put up with poorly constructed doors.

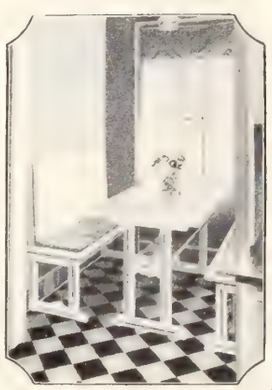
There is absolutely no excuse for putting windows that are cheaply made into the house you build.

The trim and moldings of your home can be of such high character that they will enhance the beauty of your interior decorations and the furnishings.

And you will not get all the fun there is to be had in living in your own home unless you have those wonderful accessories (built-in linen closets or china closets, for example) which mean so much in convenience and comfort.

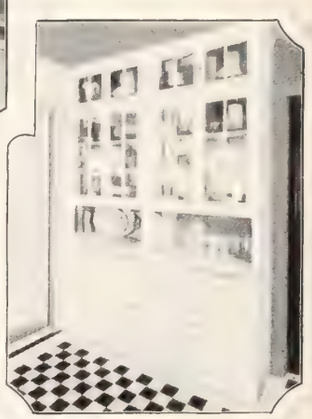
In this manner Curtis Woodwork puts an added dollar-value into your home.

You can secure Curtis Woodwork east of the Rockies through lumber dealers who handle the line. Consult our catalog in the Curtis dealer's office. "Curtis Woodwork" (40 pages) contains valuable information. Write for it and for the name of the nearest dealer.



Cozy Informality

A dining alcove is considered a necessity today in the modern home. It makes a cheerful, informal nook for a family meal. With Curtis construction they have the distinction of being solidly built of fine white pine with every detail of workmanship scrupulously done. It is real furniture. See other designs at the Curtis dealer's. This is design C-742; it is priced below $55.00.



Convenience in a Kitchen

All this drawer and cabinet space forms a beautifully designed, permanent dresser. You simply can't afford to be without such an advantage in your home. Great variety of sizes is made possible by interchangeable parts.



A Door of Special Beauty

You get some idea of the distinctive beauty of Curtis Woodwork from this charming door photographed in a new home on fashionable Long Island, New York. Let the Curtis dealer show you the varieties of doors you have to choose from. C-301. Average size 1⅜ inches thick, less than $6.50.

CURTIS WOODWORK

THE CURTIS COMPANIES SERVICE BUREAU

340 Curtis Building, Clinton, Iowa

Curtis, Towle & Paine Co. . . . Topeka, Kansas	Curtis-Yale-Holland Co. . . Minneapolis, Minn.
Curtis & Yale Co. . . . . Wausau, Wisconsin	Curtis Door & Sash Co. . . . Chicago, Illinois
Curtis, Towle & Paine Co. . . Lincoln, Nebraska	Curtis Sash & Door Co. . . . Sioux City, Iowa
Curtis Bros. & Co. . . . . Clinton, Iowa	Curtis Detroit Co. . . . . Detroit, Michigan

Curtis Companies Incorporated Sales Offices: Pittsburgh, New York, Baltimore

Think of it! Window Shades can't *tear loose and* can't *"fly wild"- when mounted on* Edstrom RED TIP *Rollers*





THE young Vandal at our left finds antique window shade rollers an easy prey to his more violent moods. If his mama had installed Edstrom Red Tip Rollers, little Rollo would have to do his wrecking out of doors.

MISS BETSY needed more light for her tatting. She tried to raise the shade. Her day was ruined. As you can see, the antique shade slipped from Miss Betsy's genteel fingers and "Flew Wild" as all of them did and still do if they happen not to be "Edstrom."



The Edstrom Red Tip Roller Solves the Window Problem

THE automatic stop holds the shade [illegible] at any desired height, and prevents "Living Window" [illegible]. ¶ Edstrom Rollers may be supplied at every [illegible] the roller. ¶ Stout, ample, honest construction throughout makes Edstrom "Red Tip" Rollers a *permanent* investment in home efficiency. ¶ No adjustments necessary. Shade length, spring tension and automatic stop are *permanently* adjusted at the factory. ¶ The better hardware and furnishing shops and department stores carry these substantial, perfected rollers.

Look for the Red Tip

EDSTROM

RED TIP

AUTOMATIC STOP

SHADE ROLLERS



EDSTROM
WETMORE
HENDERSON
CORPORATION
WARREN, PA.

Time Cannot Mar Herringbone Walls



This is a full size reproduction of Herringbone Double Mesh Lath. Note the fine, plaster-saving mesh. Metal lath of Armco Ingot Iron is made only by The General Fireproofing Co.

Member National Council for Better Plastering

Their Original Beauty is Permanent

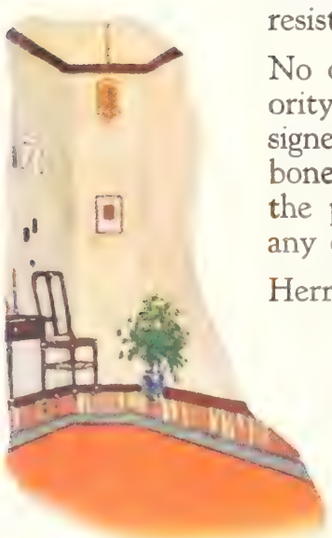
THAT vandal Time—so abusive of ordinary interiors—deals kindly with ceilings and walls plastered over Herringbone Metal Lath. The original smooth symmetry remains unmarred throughout the years. The plaster becomes crack-proof—mar-proof—fire-resisting.

No one disputes the obvious superiority of metal lath. The skillfully designed fine cross web mesh of Herringbone gives a better, closer binding for the plaster than you can secure with any other kind or type of lath.

Herringbone comes in large, stiff, easily handled sheets of steel or Armco Ingot Iron. The plaster curls through and around the lath, giving an unyielding grip for every square inch of surface—a permanent, rigid reinforcement.

Your architect or builder will tell you that Herringbone walls cost little more than plaster on wood lath, and that they are actually cheaper in the end.

If you contemplate building—if you are anxious to cut the yearly upkeep cost of your new home—write for our booklet, "Building for Permanence and Beauty." You will find it exceedingly interesting and instructive.



THE GENERAL FIREPROOFING COMPANY, YOUNGSTOWN, OHIO

Branches and Sales Agents in Principal Cities

GF Herringbone
Rigid Metal Lath



Fadeless drapery fabrics . . . as practical as they are decorative and beautiful

IF YOU respond to rich and lovely colors—if you appreciate beauty of pattern and weave, you will find no more interesting textiles in Europe or America today than Orinoka drapery fabrics. But this beauty becomes doubly important when you find that it is *practical* as well.

Orinoka guaranteed materials can hang in the brilliant sunshine indefinitely—without affecting their colors in the least. And washing but renews their freshness. No matter how unusual or delicate the colors may seem—you can rest assured they will not fade. These fabrics are hand-dyed in the yarn by an exclusive Orinoka process which makes them absolutely color-fast.

To be sure you get the genuine Orinoka, look for the guarantee tag which identifies them. If a material fades, the merchant from whom you bought it is authorized to replace the goods or refund your money. The better stores and decorating establishments carry Orinoka guaranteed drapery fabrics, gauzes and upholstery materials. There are patterns, colors and weaves suitable for every type of decoration.

May we send you a copy of "Color Harmony in Window Draperies"? A prominent New York decorator prepared this handsome booklet, which is full of valuable suggestions for draping windows and doors, and for bed coverings. Send us your address and 20 cents. The Orinoka Mills, 510 Clarendon Bldg., New York.

Orinoka

DRAPERIES & UPHOLSTERIES



FINE GLASS *by* STEUBEN

in COOL COLORS *and* QUAINT CONTOURS

Graceful vases for your best blooms... tableware that adds zest to Summer entertaining... gifts of exquisite taste... all bearing the touch of Steuben master designing



IN all Steuben Glass, you will find that distinguished restraint and beauty, so prized by collectors of historical glass. Yet each piece serves its appointed purpose with welcome practicability.

Steuben Vases are studiously designed to harmonize with various flowers. There are forms and sizes to set off every bloom admirably, and rare colors that rival the beauty of the blossoms they hold, blending or contrasting with every garden tint.

For Summer dinner parties, luncheons and teas, Steuben has created a wonderful variety of attractive services. Salad and iced-tea sets in cool tones and interesting shapes... stately goblets in bright colors or clear crystal... exquisitely etched service plates... all brilliant aids to refreshing table arrangements.

And, if these suggestions kindle thoughts of gifts, remember that Steuben Furnaces make lovely sweetmeat jars, comports, perfume and cigarette boxes.



Most flowers have a definite decorative character. Roses... graceful... stately... how well the Pomona Green and Amber vase would show them off. The Celeste Blue vase is designed for flowers of Japanese print character... gladioli... iris... delphinium... stalked blooms that look best in simple shapes.

No matter what your choice in decorative glass, you will want only honest glass hand-blown and hand-modeled, as fine glass has been made since history began and just as Steuben Glass is made today

At glass and china shops, department stores, gift and jewelers' shops.

WRITE *for this* BROCHURE—

We will send, gratis, an interesting brochure on Steuben Glass, illustrating many pieces and replete with gift suggestions. Address:

STEUBEN DIVISION, CORNING GLASS WORKS
DEPT. H CORNING, N.Y.

FLOWER SUGGESTIONS by TOTTY'S · New York



Daffodils or tulips spring from this boater urn in Rose and Pomona Green, just as they spring from your garden bed. It is best to utilize the natural sweep of stem in decorating with this type of flower.

Steuben makes many practical service sets, executed in fine colors, like this one in translucent Jade Green. One may of course, use the various units separately.



Below are two quaint pieces admirably adapted for many small "cottage" flowers.



STEUBEN GLASS

Blown & Modeled at STEUBEN FURNACES,
CORNING GLASS WORKS, *Corning, N. Y.*



Seeger

Original Siphon Refrigerators

are generally accepted as the

Standard of the American Home

As good a refrigerator as the Seeger is worthy of electrical refrigeration.
Equally efficient with ice.

Representative Dealers in all Cities

SEEGER REFRIGERATOR CO.

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ATWATER KENT RADIO



In the home of CHARLES *and* KATHLEEN NORRIS, *novelists, the Model 20 Compact Atwater Kent Receiving Set is installed*

Those who can choose *any* radio set

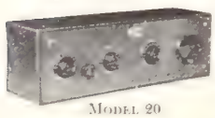
WE WERE showing a business man the plant in which we make Atwater Kent Receiving Sets and Loud Speakers.



DE LUXE MODEL

"That polishing process must cost something in a year," he said. "Do people notice little things like that?"

His idea was entirely new to us. In twenty-six years of manufacturing electrical equipment, we have never considered what little things people notice.



MODEL 20

We have never considered *not* polishing the hidden parts which go into our radio apparatus. Whether people notice it or not, we shall continue to take off the rough edges which might make our sets less effective. We shall continue to take extra care in every operation.

We believe that Atwater Kent Receiving Sets and Loud Speakers are a little more satisfactory —to us, to our dealers, and to the final owners— than any other equipment on the market.

Perhaps that is one reason that so many people who can afford to choose *any* radio set, have chosen the Atwater Kent.



MODEL 10

ATWATER KENT MFG. CO. · · PHILADELPHIA, PA.



Water in Abundance ~ for Homes, Farms, Country Estates

WATER—fresh, pure and plentiful—is Nature's greatest boon to mankind. And the development of the dependable, modern water system now makes an abundant water supply available wherever men live—in the suburbs—on the farm—at summer resorts—even in the most remote districts. And at startlingly low cost.

MYERS

Self-Oiling Electric Water Systems

re made for deep or shallow well service. They are automatically controlled, conserve ower and are wonderfully efficient. *Self-starting—self-stopping—self-oiling.* Require no tention and remain in perfect order for years without repairs or adjustments.

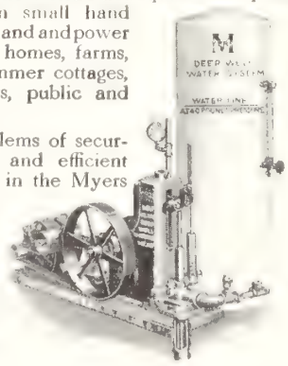
or the summer cottage. suburban home or large or small country estate a Myers "Self-iling" Electric Water System or any other style of Myers Water System—for operation by hand, wind or gas engine, with capacities up to 10,000 gallons per hour—offer the *best way* to secure a generous water supply that is *instantly available*—at all times—and at bed-rock cost of operation.

See Your Dealer Today.
Write us for Catalog and Complete Details.

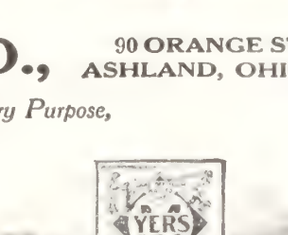


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—for More Than Fifty Years

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We know the problems of securing a dependable and efficient water supply—and in the Myers "Self-Oiling" Electric Water Systems we have produced the perfect systems for every need. Whatever your pump or water system requirements may be, see the nearest Myers dealer—or write us direct for advice and information.



THE F. E. MYERS & BRO. CO., 90 ORANGE ST. ASHLAND, OHIO

Manufacturers, for more than fifty years, of Myers Pumps for Every Purpose, Hay Tools and Door Hangers.

The World's Headquarters
For Pumps and Water Systems

Erected in two days with unskilled labo

HODGSON HOUSES are beautiful in design. Painted in attractive colors, they are admired by all who see them.

Careful construction is an underlying principle in the manufacture of Hodgson Portable Houses. The woods used are the strongest and most durable known—red cedar for the walls and roofs, Oregon pine for the framework.

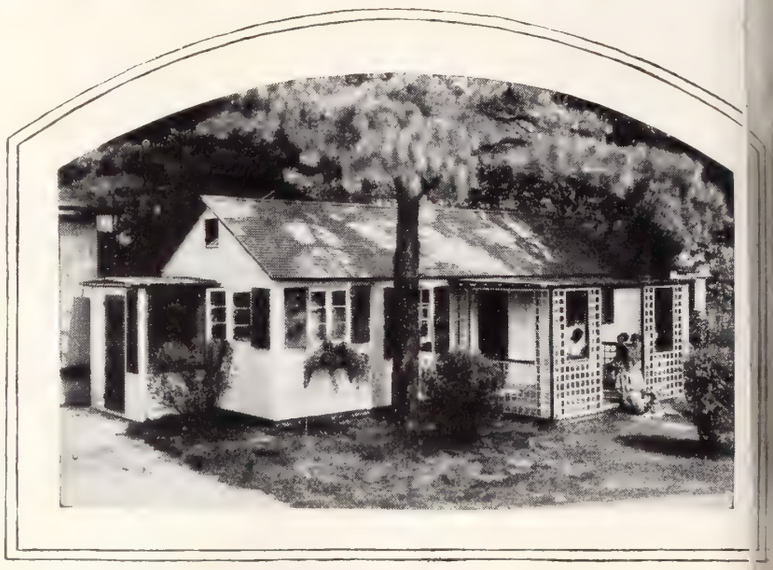
Hodgson Houses are shipped to you in sections, painted and finished to the smallest detail by skilled wood-workers. These sections fit together exactly and are locked as tight as a drum, with iron key-bolts. Steady and weather-proof, Hodgson Houses stand for years without repairs.

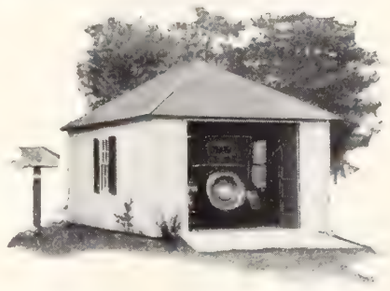
A cozy, comfortable Hodgson House, as illustrated, can be erected in two days or less without skilled labor. The sections are plainly marked and, being made of cedar, are light and easy to handle.

Send for our new catalog G. It gives prices and shows many actual photographs of Hodgson Houses. Also garages, play houses, dog kennels, poultry-houses, etc. Write for it today.

E. F. HODGSON CO.
71-73 Federal Street, Boston, Mass.
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HODGSON *Portable* HOUSES







In 5 Years No User Has Paid Us A Penny for Service or Repairs

AN UNEQUALED RECORD—covering the many thousands of EverHots, from the first to the latest. This is the direct result of advanced engineering and superior construction. The low cost of operation also distinguishes the EverHot from all others—less gas per gallon of water. In durability—reliability—economy—the EverHot stands alone—the acknowledged leader. There is a size for your home, at $66, or $99, or $160. Send today for the booklet.

EverHot AUTOMATIC WATER HEATER

EverHot Heater Company, 5219 Wesson Ave., Detroit, Mich.



Here's the Secret of Squeakless Floors

Few home owners know the importance of the right nail—but the man who lays the floor does. For if the nails aren't right, the floor can't be.

You can't stop annoying squeaks and unsightly warping *after* the floor is laid. You can *prevent* both these evils beforehand. Just make sure that Reading Nails are used—Reading Cut Nails for the under-flooring and hardwood.

Reading Cut Nails have 72% greater holding power than round wire nails. And they're at least 72% better in other ways. *That's the secret of squeakless floors!*

READING IRON COMPANY, Reading, Pa.

Also makers of RICO Hard Cut Floor Nails made to drive into hardwood without bending

READING CUT *NAILS*

Back up your game with this *lasting* fence

Banish exasperating "lost ball" hunts forever.

Because of their lasting construction, Anchor Tennis Fences are used and endorsed by leading tennis and country clubs and by hundreds of private owners throughout the country.

They are furnished with strong fabric of chain link steel wire or hexagon netting, as desired. U-bar posts of steel are drive-anchored and all parts are thoroughly galvanized. Far superior to fences erected upon wooden or iron-pipe posts. Built in 10 and 12 foot heights.

For complete data, prices and information regarding our expert erecting service, just phone or write our nearest office or sales agent.

ANCHOR POST IRON WORKS

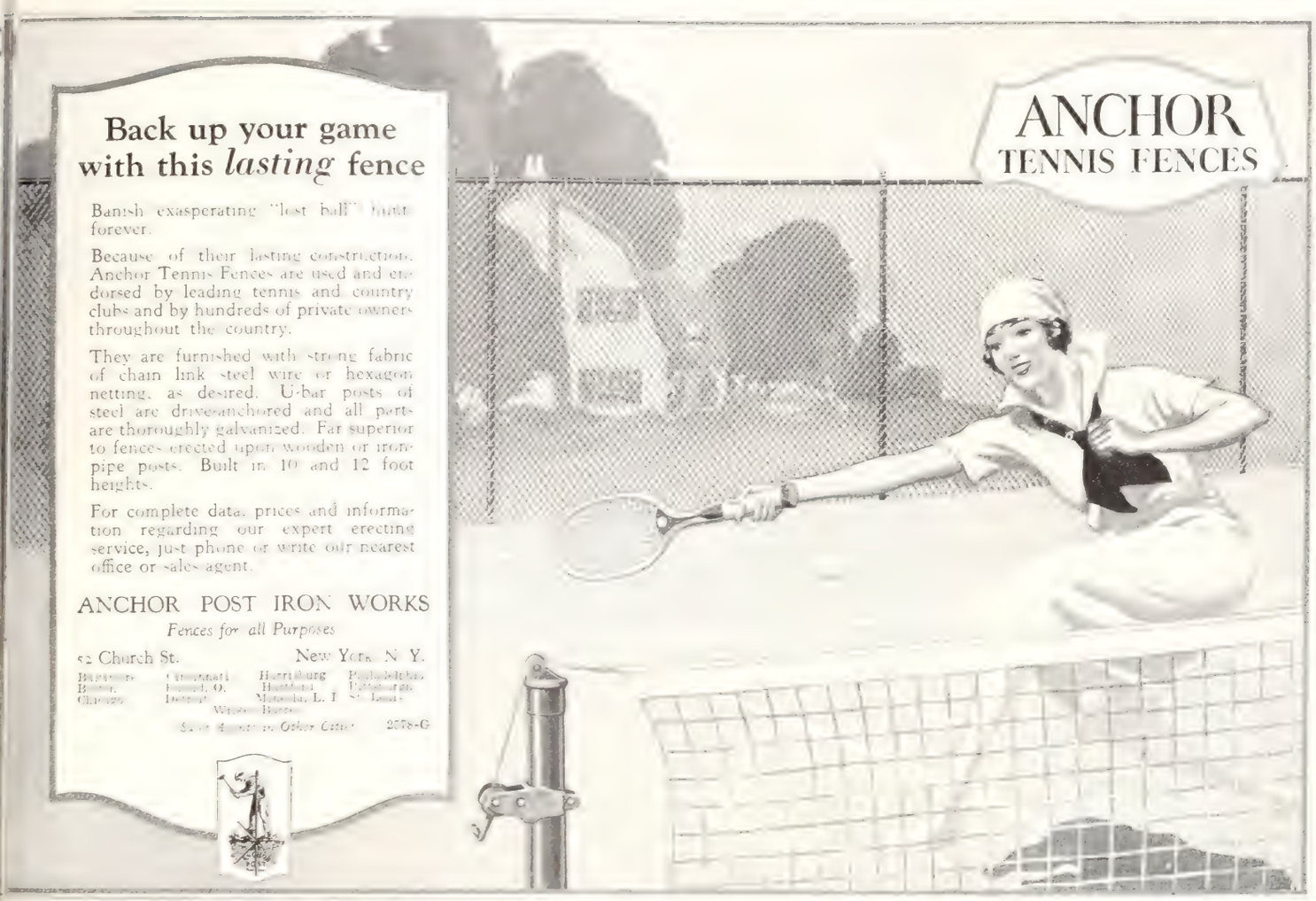
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TENNIS FENCES





PROTECT your home from fire, lightning and all conditions of weather, and add *safety* to lasting service and satisfaction. For better tin roofs and more durable sheet metal work, use

KEYSTONE

Rust-resisting Copper Steel

Galvanized Sheets

and Roofing Tin

This copper-steel alloy material gives greater wear and rust resistance to all forms of exposed sheet metal work—roofing, siding, spouting, gutters, eaves trough, etc. Look for the Keystone included in regular brands.

KEYSTONE COPPER STEEL

APOLLO-KEYSTONE Galvanized Sheets give increased service and added protection to your building construction. These are unquestionably the highest quality galvanized sheets produced.

KEYSTONE COPPER STEEL Roofing Tin Plates make clean, safe, attractive and satisfactory roofs. Supplied in grades up to 40 pounds coating [illegible] painted. Metal roofs may be painted to harmonize with the color scheme of the building, a feature which is often overlooked. Keystone quality products are sold by leading metal merchants, and are used by first-class roofers and sheet metal workers. Write for interesting booklets.

AMERICAN SHEET AND TIN PLATE COMPANY, Pittsburgh, Pa.



Banish Housework's Greatest Drudgery!

WASTE and garbage disposal, with its countless trips to garbage can, rubbish pile or furnace, will be a thing of the past when the time-tried Kernerator is included in the plans for your home! (It cannot be installed once the house is built).

—and No Upkeep Cost!

First cost is very moderate—and that's the last cost, for the Kernerator uses no fuel whatever. Just drop *all* garbage, sweepings, tin cans, papers, magazines, rubbish, broken glass and the like—into the handy hopper door right there in the kitchen—then FORGET it. An occasional lighting is all that's necessary. Metallic objects (tin cans and the like) are flame-sterilized for removal with the ashes.

Any [illegible] architect or builder—the kind we recommend the Kernerator—or write

KERNER INCINERATOR COMPANY
1025 Chestnut St. Milwaukee, Wis.

KERNERATOR
Built-in-the-Chimney



Here is a typical Kernerator installation. It costs no more than a good range to set and you get rid of the garbage nuisance forever.



Can You Clean Under *Your* Radiators So Easily?



NO STOOPING, no groping with a cloth on hands and knees! No radiator legs to obstruct mop or electric sweeper! You can enjoy this lightening of housework by having all radiators hung from the wall with *E-Z Radiator Hangers* when you build or remodel. (See diagram.) Makes floor polishing and refinishing easy.

E-Z Hangers are adapted to any wall or radiator. Concealed. Legless radiators cost no more. Write for illustrated brochure showing attractive home installations.

HEALY-RUFF CO.
769 Hampden Ave. St. Paul, Minn.

E-Z RADIATOR HANGER
YOU'LL USE 'EM YET!

Makes Cleaning Under Radiators Easy



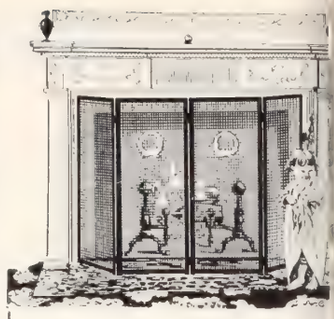
3076Y—height 26½ inches. 3163Y—height 42 inches.

Oil jars in plain unglazed buff or red; or these colors with turquoise, jade or black glaze drip at top.

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meets every requirement of the client whose taste is exacting.

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It is easily possible, with Buffalo Fire Screens, to combine both beauty and safety. They are made to harmonize with any particular type of fireplace.

Send us the dimensions of your fireplace opening and we will furnish you with designs that will suitably harmonize with your fireside.

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Make $5000 ... more a ye...

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Prominent Decorators Teach You

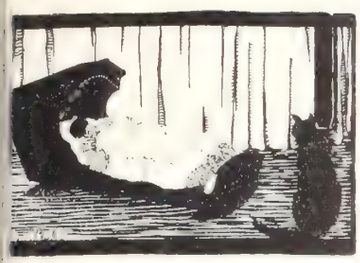
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t is the most beautiful piece of work of its nd I have ever seen"

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The ideal covering for the child who sleeps ut of doors.

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est & Co.	*best gift*
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We also make Basketweave Couch Blankets which are woven by hand



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Made in three distinctive finishes
BOND VELLUM LAWN



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A compliment to your dinner table

Kashmir Pattern
Hawkes Rock Crystal, as shown in photograph, is available in
8" Salad Plates
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Luminous, ringing with clear bell tones, designed with consummate artistry — no other crystal will give you quite the same pride of possession.

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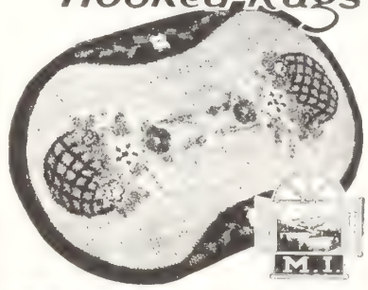
See one on your floor

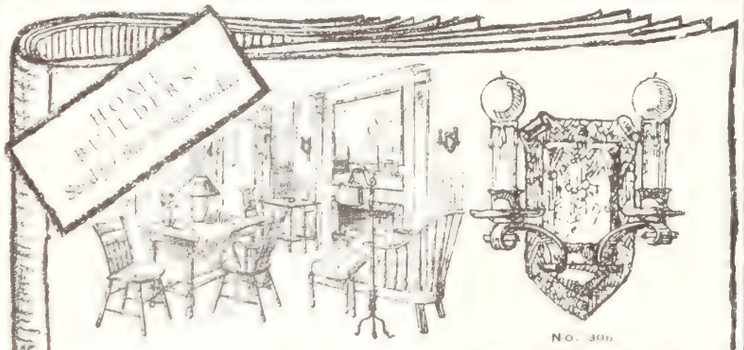
without any expense to you. A card or letter with your bank reference, brings one of our choicest rugs to you. With it we will also send pictures of many other designs for your selection.

Your inquiry does not obligate you in the least. Address

Mountain Industries — TRYON N. Carolina

Mountind *Hooked Rugs*

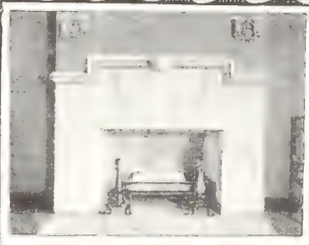




No. 306
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Original page from "The Decorative Charm of Wrought Iron," illustrating hand forged iron fixtures for the home

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Fireplace Plans and Designs

IF YOU seek lasting beauty and satisfying warmth in your new fireplace it will pay you to study carefully fireplace designs and plans before building.

The new enlarged edition of the Donley Book of Fireplace shows a wide variety of designs and clearly explains detailed plans for the building of the fireplace. It describes the Donley Damper with its smooth metal throat, The Donley Fire Basket, Ash Dumps and Andirons.

We feel sure that a complimentary copy of this book will contribute much toward making your fireplace a success.

The Donley Brothers Co.
13930 Miles Ave. Cleveland, Ohio

DONLEY DEVICES
Complete the Home

Colonial 4-Poster Bed

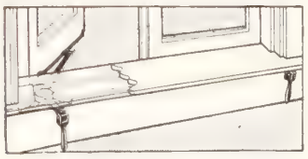
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Easy to have them. Easy to stop all rattling, slamming and noise—if you equip each casement window with the

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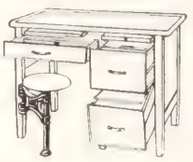
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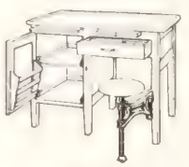
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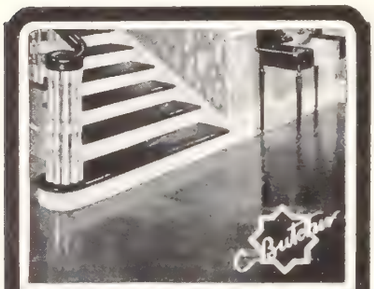


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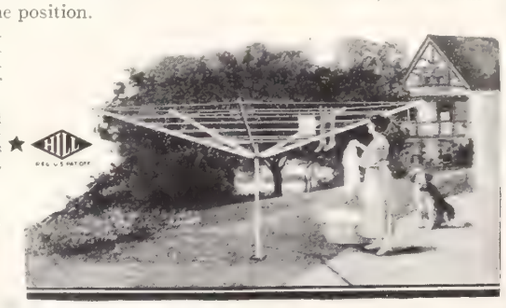
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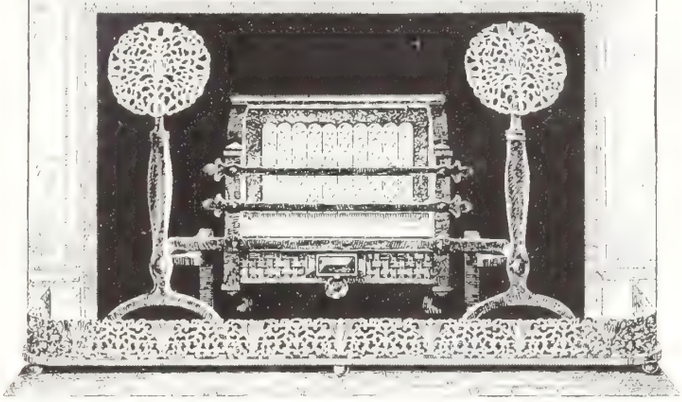
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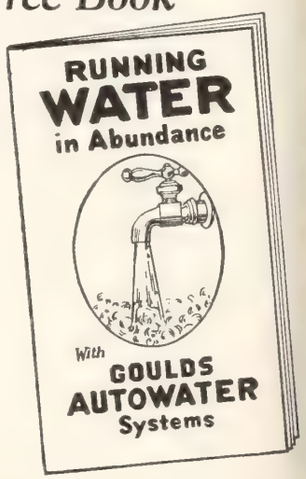
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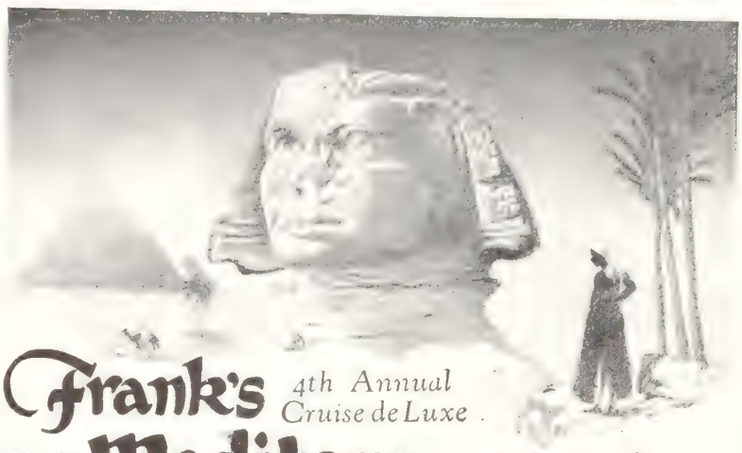
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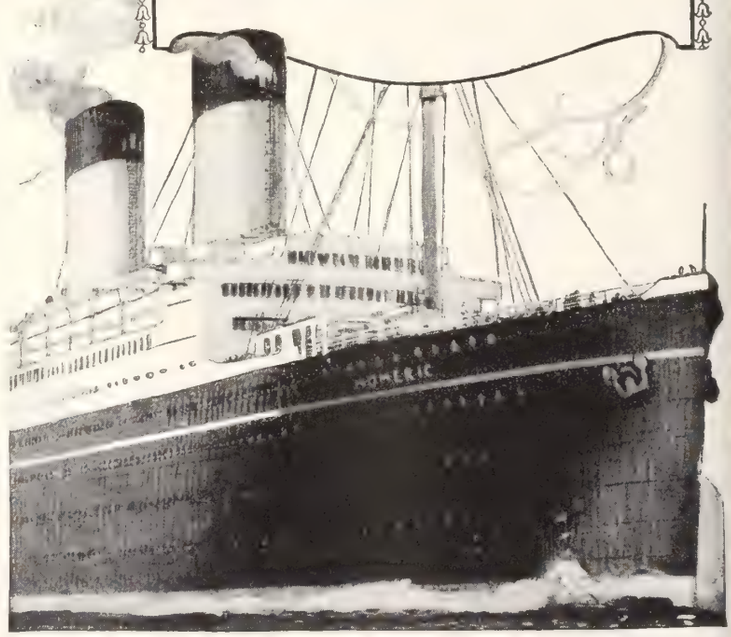
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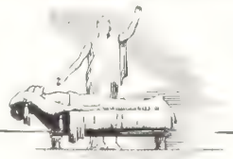


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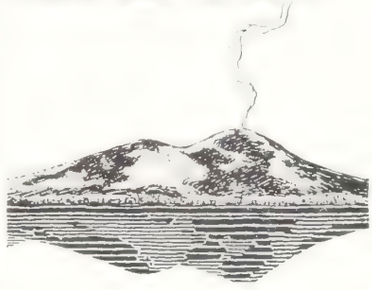
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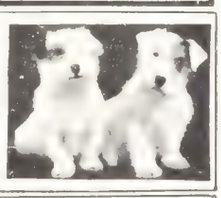
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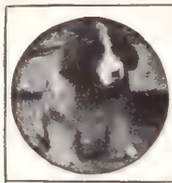
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centage of flesh runs as high as seventy or eighty, with the balance consisting of cereals, vegetables, fish, etc.

For the average family dog a diet of half lean meat and half general table scraps is about right. This may be varied from time to time by a meal of good manufactured dog biscuits, or some one of the other standardized rations of the best quality. Two or three times a week a generous beef or other large bone should be provided, for there are both pleasure and benefit in a few minutes of wholesome gnawing.

Popular fallacies with regard to the meat theory are many and sometimes fantastic in their ingeniousness. Perhaps the most common is that such a diet induces fits, worms, rabies, distemper, ferocity and, if dogs were able to have them, appendicitis and housemaid's knee. Don't worry about such beliefs; there's nothing in them. Good meat is good food, whether the dog is sick or well.

Not so with some of its by-products, so to speak. Fat and grease are rather violently indigestible to nine dogs out of ten. Poultry bones are likely to splinter when chewed and cause internal trouble with their sharp points, while fish bones may stick in the throat of a dog as well as of a person. Other taboo foods are sweets in excess and anything that you know from experience is indigestible in your own case. The sooner one realizes that Fido's stomach is not made out of cast-iron or indestructible rubber, the better for Fido.

AND then there is the question of sickness symptoms. Don't disregard these. Catch them in the early stages, if any should appear, and the outcome will be much better. However healthy your new dog may be, it is an excellent plan to locate a good veterinarian as a matter of precaution.

The Dog Mart Information Service will gladly answer specific questions on dog matters from readers of HOUSE & GARDEN. *We are always ready to suggest reliable kennels where purchases may be made, but cannot ourselves undertake to act as buying or selling agents. We issue no price list or catalog. Inquiries should be directed to the Information Service, House & Garden Dog Mart, 19 West 44th Street, New York.*



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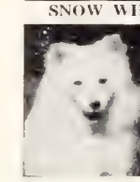
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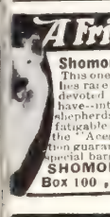


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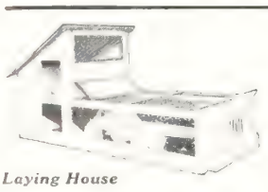
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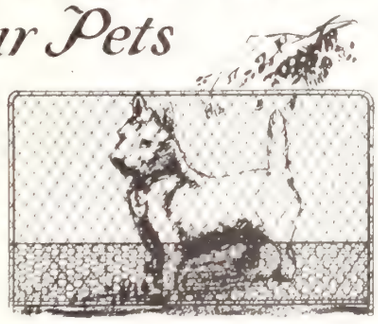
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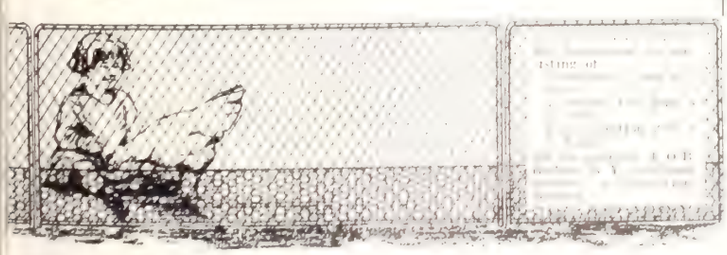
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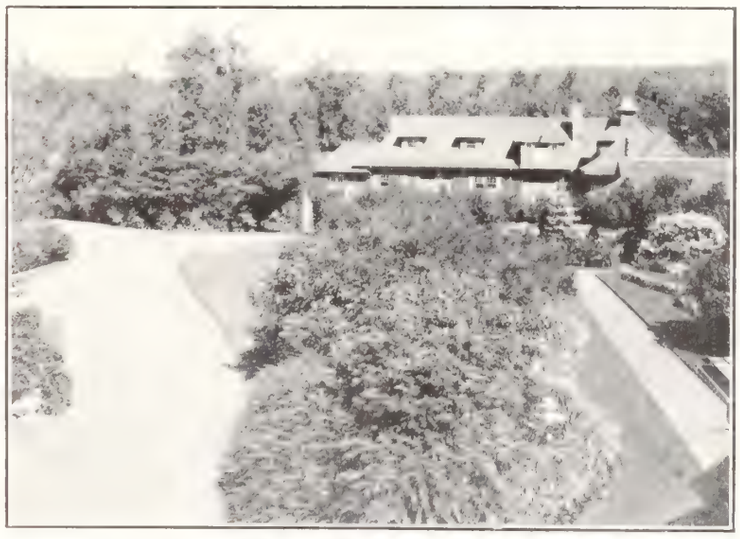
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The property must be sold to settle an estate
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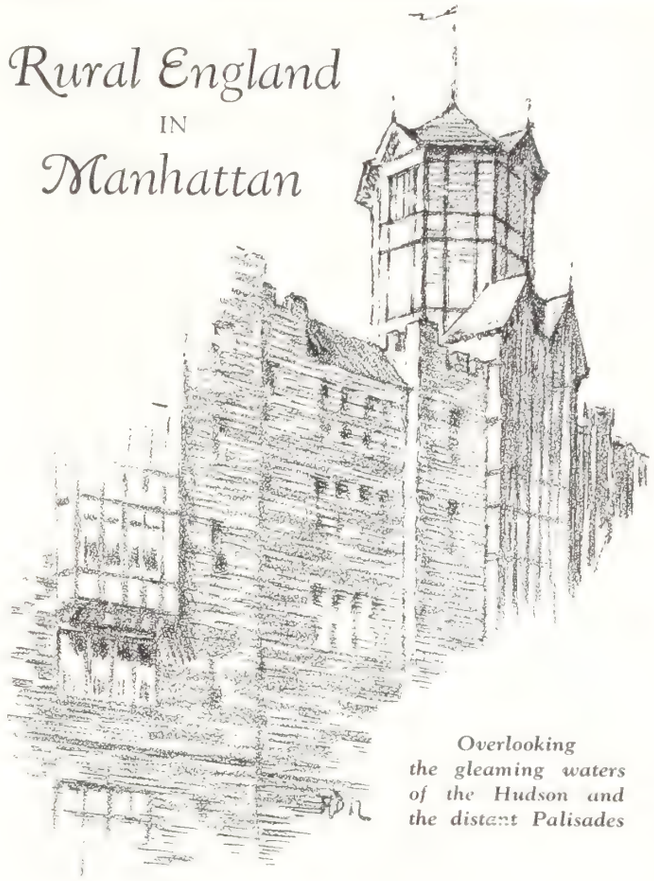
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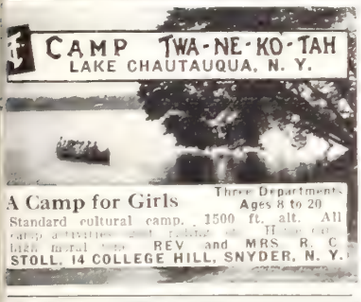


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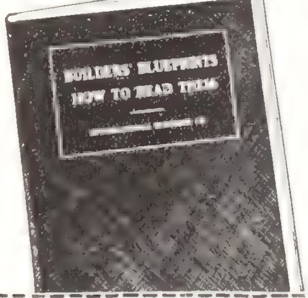
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Dynamic Symmetry In Chrysler Beauty



More than a year ago we remarked that the dictionary of synonyms had been worn dog-eared in the hunt for adjectives to describe motor car beauty.

There isn't a superlative left to use.

As a matter of fact, they've all been used so many times that they no longer carry conviction.

But just as surely as you know a beautiful car when you see it, you'll be entranced by the Chrysler Six.

In every Chrysler model, you sense at once the beauty, the good taste, the smartness which we in America have been in the habit of describing as "French," or "foreign," or "continental," or "European."

More than 32,000 times last year, buyers expressed, in terms of their motor car choice, their preference for the Chrysler kind of beauty—giving to Chrysler Six a first-year sales record never before awarded to any car.

Here is a car scientifically engineered to be beautiful.

Three years were devoted to the study of dynamic symmetry—the science of proportion and balance.

The height of side body panels, for instance, was a matter of determining the exact relation between the requirements of human comfort *in* the car, and the most pleasing proportion from *outside* the car.

The "bead," or "belt line," was not put on as an incident, or just because a body designer liked it. It was scientifically sized and scientifically placed to give that long, low, sweeping line which produces such a racy, foreign effect.

Most cars are pretty fair looking from some one angle; the more fortunate, from a couple of viewpoints. From the rear view, nearly all of them are weak on appearance.

One result of the scientific design of the Chrysler Six is the charm of its rear view.

Note particularly how all of the lines and curves of the front and sides gracefully blend at the rear.

There are no displeasing angles, sharp corners, awkward curves.

Then walk around in front. See how the long, sweeping lines flow out of the radiator.

It's a mere detail to the buyer, perhaps, but an interesting fact that months were spent on designing and proportioning lamps and fenders.

That inimitable grace, melting so perfectly into the bulk of the whole car, was no matter of chance.

So, too, with the wheels. Chrysler designers sought the ultimate in that much desired close-to-the-ground appearance.

But they didn't simply take any small wheel. They got the exactly right proportion.

And what is the result of this new application of scientifi design and proportion?

Perhaps the most importan result is that air of perfec good taste—the same atmos phere that surrounds rea gentlewomen and gentlemer

The Chrysler isn't beautifu because of any fancifu tricks, or because of an ornamentation hung on it

It isn't gaudy. It isn't osten tatious.

But it is smart, refined, in gooc taste, harmonious, gracious eye-compelling, simple.

In a word, it is beautiful.

And that isn't all.

Such true beauty in a ca doesn't stop with look alone—any more than i does in a man or woman

There's an old saying, "Beau ty is as beauty does."

That's the Chrysler Six.

Remember that while Chrysler engineers were scientifically building beauty of appearance, they were building with relation to human comfort.

So that Chrysler proportions are not only good to look at—they also give the most perfect riding, most accurately com fortable car you ever drove or rode in, as Chrysler owners can tell you today after a year's experience.

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CHRYSLER SIX



House & Garden

IN 1920 HOUSE & GARDEN started publishing a series of books in which was to be found the best material on each subject printed in the magazine over a period of years. This series began in 1920 by the appearance of HOUSE & GARDEN'S Book of Houses, was followed in 1921 by HOUSE & GARDEN'S Book of Interiors and in 1922 by HOUSE & GARDEN'S Book of Gardens. The plan for these books was simple and direct. They told, so far as it was possible, the whole story of a subject in picture form. The demand for these books was immediate and generous. The Book of Houses has run through three editions; only a few copies remain. The Book of Interiors and the Book of Gardens are both exhausted.

The popularity of these reprints encouraged us to undertake a second series. In the advertising section you will find an announcement of HOUSE & GARDEN'S *Second* Book of Houses. This volume—a matter of 192 pages and over 500 illustrations— is the result of skimming the cream from five years of the magazine. It is much larger than the previous Book of Houses, larger by seventy pages, is more complete in its scope, and more conveniently arranged.

In the first section is told the complete story of the Four Ideal Smaller Homes, which have been so popular. Each house is considered as a unit, its exterior and plans, its rooms and its garden. These are the houses that have been made in model form and are being displayed in department stores all over the country.

The second section considers the construction of the house, under the following subjects — architects, how to read plans, roofs, brick, stone and wooden walls, shingles, floors, insulation, moldings, doors, fireplaces, bay windows, balconies, stairs, dormer windows, ceilings, wall textures, electricity, plumbing and bathrooms, painting, architect's fees and architectural terms.

The third section is a portfolio of sixty houses and plans—stone houses, half-timber, brick, shingle and clapboard, Colonial houses, English cottages, Spanish, Italian, from the smallest cot to the country house of size. This section alone justifies the price of the book.

Then, to make the measure full, there are pages on log cabins, on garages and driveways, lists of catalogs to collect before you build and the addresses of architects who specialize on houses.

This volume of 192 pages and 500 illustrations is bound in cloth with gold lettering. It will be available early in May.

It, however, is only the beginning of the new series. A volume of equal size will appear soon—HOUSE & GARDEN'S *Second* Book of Interiors, to be followed later by HOUSE & GARDEN'S *Second* Book of Gardens.

Today HOUSE & GARDEN goes to over 130,000 homes—nearer 150,000, to be exact. Its readers appreciate it for its authority. It is the leading magazine of its kind in the country. It is the second largest monthly magazine in advertising. Because its authority is appreciated, the same sort of appreciation will be accorded HOUSE & GARDEN'S *Second* Book of Houses.

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VOLUME XLVII NUMBER FIVE

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HOWEVER hard man may try, he cannot exactly reproduce Nature in the garden. The human touch is always evident. And the more the human touch is evident, the more livable is the garden. The shaded arbor here, the bit of statuary there, the sundial at the crossing of the paths—by these things you may know a garden that is lived in. So we come to the June number with this in mind. It concerns itself with garden furnishing. Garden statuary is discussed by Miss Rehmann, sundials are shown, terraces are furnished, lights for porches, gates and gardens are suggested, dove cotes are explained. And there are gardens with these things in place—a little garden of annuals, a livable rockery, and a little country garden of peace made by Elizabeth Leonard Strang. To these Mrs. Wilder adds her story of Irises for the Rock Garden, Mr. Wilson his account of Woody Plants for Shore Gardens, and Mr. Rockwell, suggestions for summer vegetable gardening.



ON OTHER pages in the June number you will find the attention turned to the interior of the house. Here are two pages of brackets, foreshadowing the revival of an old-fashioned accessory, a Portfolio of miscellaneous livable rooms, ideas for framing Chinese pictures in mirror glass, a practical and helpful article on window shades. The collector's interests are served by Mr. Teall's article on collecting Irish and American Belleek. And for those who would wield the paint brush are shops pages of unfinished furniture—just the thing for that little summer cottage.

One small house will dominate three pages—it is the home of Frank J. Forster, who has been designing delightful homes for other people, and now builds one for himself. You will like it. Mr. Houston writes helpfully on chimneys.

As you turn the pages of this issue you will find more and more helpful suggestions. That, after all, is what HOUSE & GARDEN is designed to do—to report things that are new for the home, to inspire better taste, and to suggest practical ways in which these new things and this better taste can find their way into the home.



THE appearance of the "Standard Cyclopedia of Horticulture" in three volumes is a great boon to garden lovers. This monumental work of Liberty Hyde Bailey is our most valuable contribution to American garden literature. No garden library without it is worthy the name. The gardener can proceed from the initial neophyte stage to that of the hardened amateur or professional without being indebted to its vast horticultural learning.

BY THE time this is read, the New York Flower Show will be a memory. Perhaps it is in memory that we most enjoy such events. The unforgettable Rock and Rose Gardens and Azaleas of Bobbink & Atkins, the Tulip gardens and displays of John Scheepers, A. N. Pierson, Mrs. Harold I. Pratt (awarded The Holland Gold Cup) and Mrs. Guggenheim, the Roses of A. N. Pierson and F. R. Pierson and Charles Totty, the Delphiniums of Wm. C. Duckham, the Mimosa of Mrs. Constable's exhibit, the orchid exhibit of Roehrs—these things are worth remembering because of their great beauty and inspiration. But even more vividly will we remember the model houses landscaped by members of the Garden Club of America.

Garden lovers may not appreciate the great educational work being fostered by the Garden Club in this special activity. The members are supplied with standard equipment in houses, wings, garages, chimneys, etc. The rest of the problem is to be solved by their own ingenuity, knowledge of design and plant material.

Not merely the small size of these houses makes them attractive. Looking down that long range of models one is impressed by the total of work required, the total of garden enthusiasm and—more important still—the total of garden knowledge these models represent.



CHINESE LILIES

When I ask my heart
About old happiness
She babbles of white ruffles
On a yellow dress
Or about a half-moon
By a small bright cloud,
Nothing about happiness
Will she say aloud,

When I ask my heart
Something of old grief
She whispers of a window-pane
And a wet brown leaf
And of numb hands brushing
Steadily cold hair,
Nothing of old grief
Will she dare;

When I ask her of a day
And why life was through
Not so yet or again
Or ever be new
I think she tries to tell,
But she can only say
Two were Chinese lilies
On a sill one day. . . .

MARGARET WIDDEMER

THE Four Ideal Smaller Houses, whose story has been told in preceding issues of the magazine, have reached model form and are to be exhibited in various sections of the country. They have already been shown in the New York Flower Show and by Lord and Taylor in New York, by Halle Brothers in Cleveland, and in the Cleveland Flower Show. Before the year is out, they will form exhibitions in the important department stores in each of the following cities—Atlanta, Birmingham, Boston, Bridegport, Chicago, Cincinnati, Dayton, Denver, Des Moines, Detroit, Erie, Grand Rapids, Harrisburg, Houston, Indianapolis, Lincoln, Neb., Los Angeles, Louisville, Minneapolis, New Haven, New Orleans, Oklahoma City, Omaha, Pittsburgh, Portland, Ore., Providence, Richmond, Salt Lake City, San Francisco, Seattle, Springfield, Mass., St. Louis, Syracuse, Toledo, Troy, Washington, D. C., Wheeling and York, Pa. Within twelve months these models will be shown in every city in the United States with a population of 100,000 and over.

At present the editorial staff is working on the designs, decoration and landscaping of three small houses, to cost under $10,000 for the house. The first of these will be shown in July.

Meantime Fontaine Fox, the creator of the "Toonerville Trolley" is building the Georgian brick house of the Ideal Smaller House Series that was designed by Edmund B. Gilchrist.

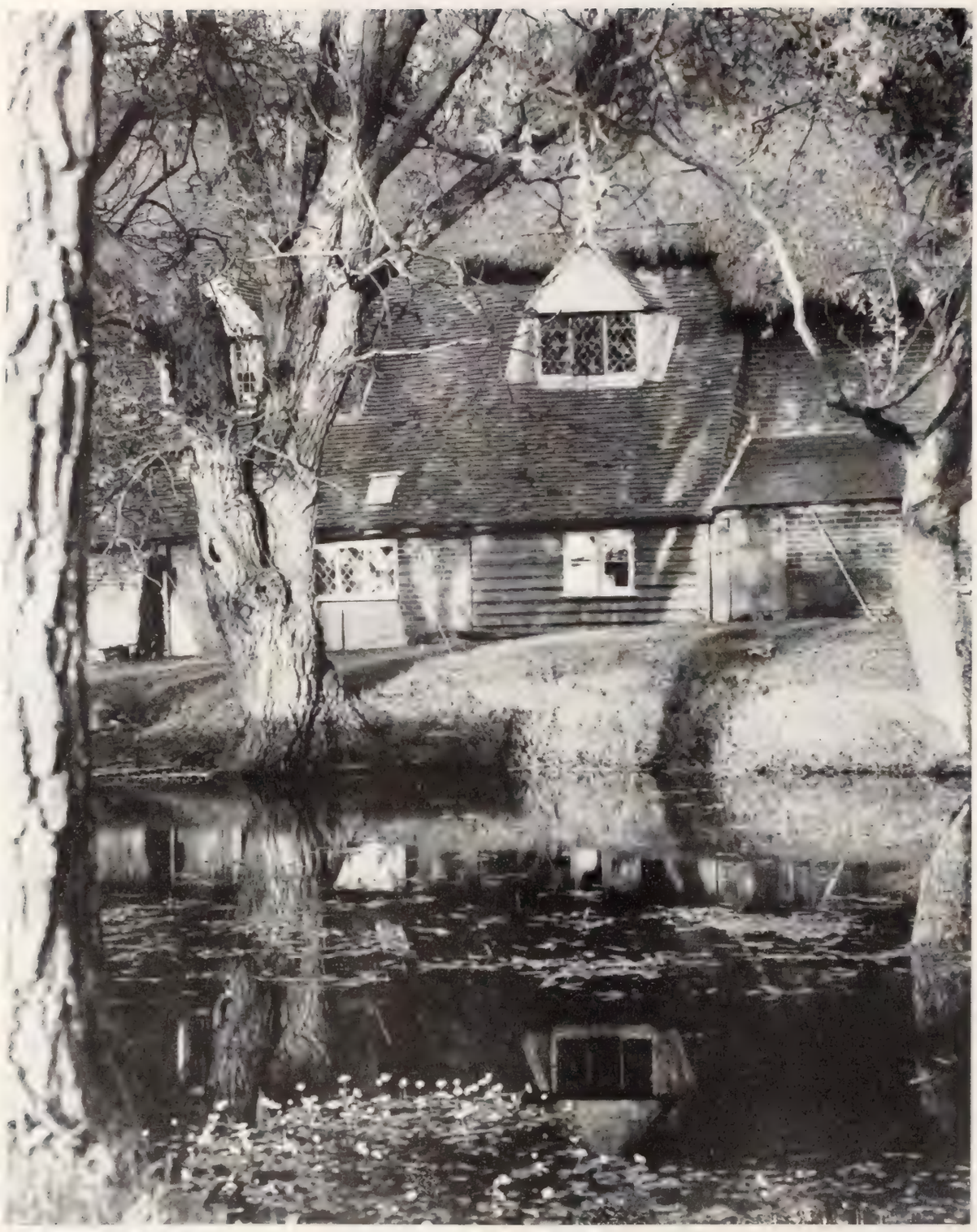


OLD DOC LEMON SAYS—

"MY OLD black-an'-white Collie, Shep, is the gol-dinged woodchuckin'est dog I ever did see. Seems like they's nothin' he'd ruther do than clamp them long jaws o' his'n onto the back o' some big gray buck chuck an' shake the livin' daylights outen him. Ain't no trouble doin' that, neither, in less'n three shakes of a lamb's tail, fer Shep's teeth are reg'lar spikes an' the ruff on his chest is so thick the chuck can't do him no hurt.

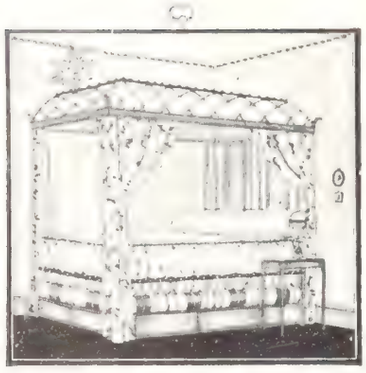
"They's woodchuck dogs an' woodchuck dogs, but none of 'em ain't got Shep's system o' huntin'. No sweatin' an' diggin' an' yelpin' at a burrow fer him—no sirree! He jus' lays down in the grass a couple hundred foot away from the hole an' waits fer Mister Chuck to come out. Even then he don't really move, jus' raises his head a teeny mite an' watches—gosh, how he watches! Mebbe it'll be half an hour 'fore that chuck gits fur 'nough away from home fer Shep to cut him off, but he'll wait. When fin'lly the right minute comes, they's a rush an' a scuffle, an' it's all over.

"Don't care nothin' 'about runnin' rabbits, er treein' a coon, er even razzin' the cat, Shep don't. But woodchuckin'—say, stranger, he's a livin' fool fer it!"



BESIDE THE STILL WATERS

Each of us dreams of having some day a different kind of house. Some want a house by the side of the road, whence they can see the busy world spin by. Some hope to live on a hilltop, splendidly isolated, commanding vast distances. And others dream of a house by a stream, by water that makes sweet music, that mirrors the sky and its argosies of clouds, the stars and silvery moon and the great trees that line its banks. Perhaps the last is best of all, for the promise runs that those who are led beside the still waters shall not want



COUNTRY HOUSE BEDROOMS

Whether Simple or Pretentious, a Summer Bedroom Depends Largely For its Charm on a Gay and Interesting Color Scheme

MARY WORTHINGTON

WHEN it comes to the bedroom in the country we always say, "Do let's make the bedrooms simple. Country house bedrooms should be." And then, when we list the necessities, they almost equal the same things that we have in our town house or apartment. So we are forced to make the difference between country house and town house bedrooms mainly a matter of quality rather than quantity. Of course, this problem does not bother the people who live all the year round in the country. Those fortunate individuals may put all their inappropriate furniture in their country house, and care not who mocks or gibes; to them we can give no helpful suggestions. These lines are written for the woman who this season faces the problem of doing over country house bedrooms for her family and for her family's guests.

I have found that papering a country house that is closed half the year is a bit uncertain. If a caretaker is in residence and a low fire is kept burning, the paper sticks to the walls, but if the unoccupied house is inclined to be damp the paper peels off, particularly ceiling paper. By the seashore paper seems to stick better! Of course, a lot of luck, bad or good, is really traceable to the quality of paste used and the quality of the paper-hanger's expertness and care.

For walls that are not to be papered use a paint, generally flat in finish with or without a slight glaze. The best way on old walls or damp walls is to paper the walls first with a prepared cloth, especially the chimney breast which is apt to be discolored from water dripping down the chimney. If we do not wish to paint, we can put on a coat of water paint. This paint has enough sizing or glue to cover a wall surface completely in one application and it does not water mark nor rub off. Lovely colors can easily be made if the stock ones do not suit your particular color scheme.



The bedroom at the left with its beautiful four poster hung in gay chintz and its fine collection of old furniture has an effective background of white washed walls and dark woodwork. It is in the home of Mrs. Dudley Hall, at Concord, Mass.



The bedroom at the left, notable for its charming array of early American furniture, rugs and accessories shows an interesting use for a wide recessed window. Here a window seat becomes a comfortable bed curtained on the inside with glazed chintz and protected on the outside by an awning. Esther T. Curtiss, decorator

Below is another example of a bedroom furnished in the early American manner. Here a reproduction of an old wall paper is used with mahogany and plain curtains. Ernesta Bullitt, decorator



A small guest room in a boat house is made inviting with a bright flowered paper, simple furniture painted apple green, and organdie curtains in the same color. Chapin, Harper & Dutel, decorators



With the finish of the walls decided upon, which always seems to be a "sticker", the colors for the rooms can be settled, and it is with color that most people, most women anyway, begin decorating.

One room of a country house built on a hilltop has a white-washed wall. Through the windows comes the richness of the sunset colors and from both sides there is a gorgeous glowing garden view; so the walls were kept white, a thing so successfully done abroad and so rarely here. Sturdy chestnut furniture was used, a comfortable bed, a commodious bureau and a dressing table with a boot closet below. The daybed



The livableness of early American decoration is apparent in the bedroom at the right, another view of which is shown on the opposite page. It is in the home of Henry T. Curtiss at Ashfield, Mass. Esther J. Curtiss decorated this house and Louis S. Weeks was the architect



Cool and very fresh looking is the bedroom at the left with its colorful chintz curtains, simple painted furniture and bedspread of sheer, ruffled net. Ethel A. Reeve, decorator

An interesting bed with a spread of old brocade, and a chintz-hung, three cornered dressing table are features of the room belowin the home of Mrs. Drinker Bullitt, at Conway, Mass.

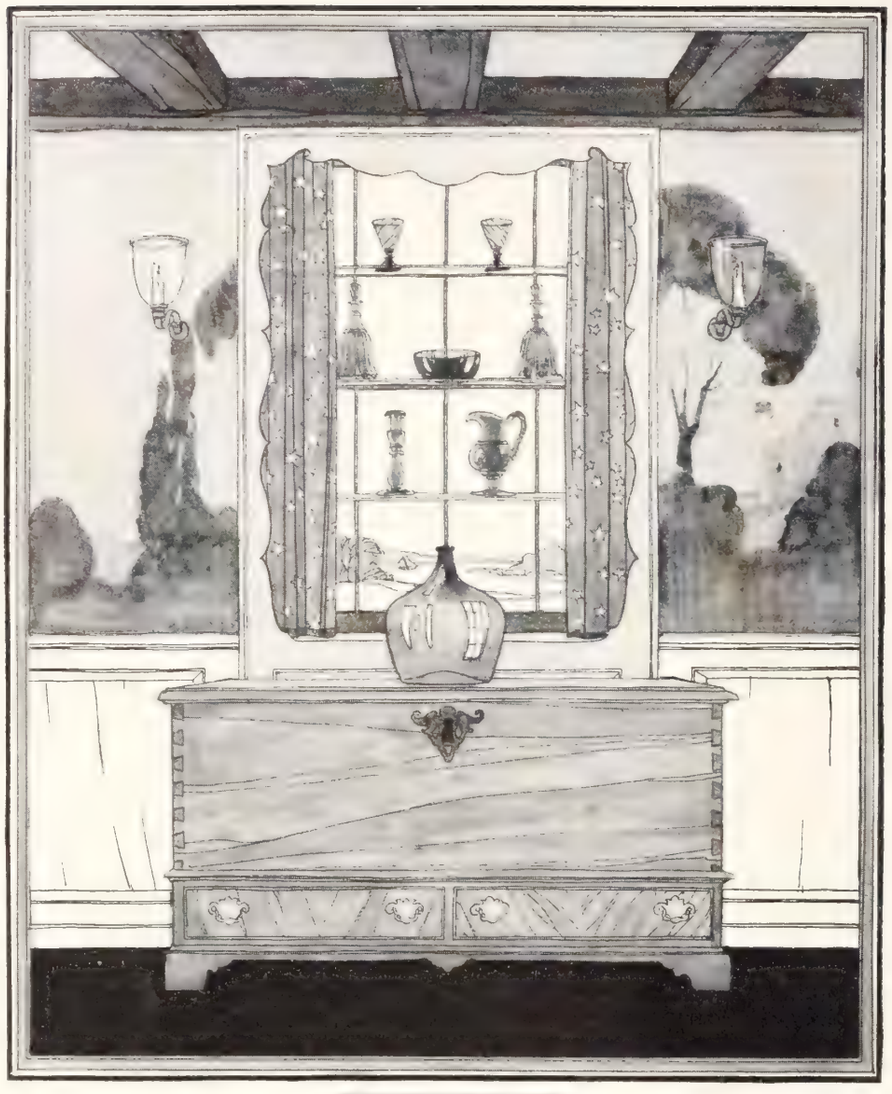


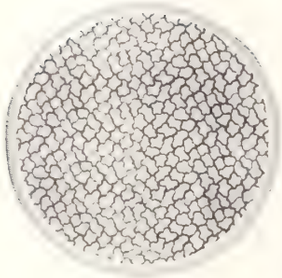
was upholstered in a heavy cotton duck of chestnut color and gray. Throughout the room were splashes of yellow, a primrose yellow in a soft percale with white polka dots used for bedspread and curtains, the latter made to draw at night, being beautiful against the flaky white walls. No disturbing color deranged this room, as the lamp shades in the pewter bases were of white candy-box paper, showing a pure white glow. The room might have been cold but for the gathered valance, which ran all around the room at the ceiling line, of the yellow fabric and its white polka dots a ten inch

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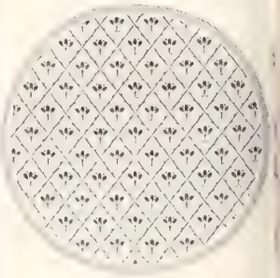
FABRICS *for* CURTAINS *and* SLIP COVERS

The fabrics on these two pages may be purchased through the House & Garden *Shopping Service, 19 West 44th Street, New York City. A slight service charge is included in the prices*





Above. A new semi-glazed chintz for slip covers has a natural ground with black dots and a scroll pattern in red, blue or green. 32 inches wide, $3.25



The fabric above with its prim design in red, blue, green or lavender on a white ground is 50 inches wide. Unglazed, $2.15. Glazed $2.50

Above. Curtains of smart French percale with horizon blue ground dotted with white stars are used with a wood valance board. 50 inches, $5.25



Left. A lovely semi-glazed chintz has a yellow, pink or pale green ground and flowers in ivory, dark green and a little pink. 50 inches, $6.40

Very fresh looking is the glazed chintz below with its clusters of roses in pink, blue and yellow on a natural ground. 36 inches, $1.20





Above. French percale for chairs or day beds. Yellow, gray or cream ground and an embroidered flower design in rose, blue and green. 50 inches, $8.75

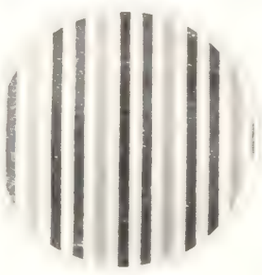
The ground of the glazed chintz below is green and the bird and fruit design is in mauve, pink, yellow and blue-green. 31 inches, $2.10



Dorothy B. Merrill















THE RETURN OF THE WHATNOT

Some Sentiments On The Way Tastes Come and Go And Make Most of Life Second Hand

SEVERAL years ago there was held in New York an Exhibition of Bad Taste. The younger intelligentsia of that day and people who claimed to have good taste fostered, appreciated and thoroughly enjoyed the exhibits. New York laughed at it for a week or so, and then it was promptly forgotten. Or apparently forgotten. Or, those who claimed to have good taste changed their opinions. Whatever it was that has happened in the intervening years, it is interesting to see how many of the objects then ridiculed have since become accessories of good current decoration. One of those objects held up to scorn, as representing the lowest possible concept of beauty in the home, was the whatnot, with its collection of souvenirs from Altoona, Pa., Atlantic City and the Grand Canyon.

IN ITS way the whatnot was an epitome of the Jack-daw habit of human nature—that peculiar trait which makes us collect souvenirs. Small boys' pockets, filled with diverse and unrelated junk, are an example of the same trait. At the other extreme stands the trophy room of any sportsman who displays the evidences of his prowess with rod and gun, and the shelf of cups won by the golfer.

We enjoy marking events in our lives by tangible reminders, by proofs that cannot be denied. The marbles in the small boy's pocket, the golf trophy, the stuffed trout, the lion's skin and the painted conch shell from Atlantic City all mark events; they are souvenirs of our past; they are milestones of our triumphs. Especially do people who travel have this souvenir habit. From the day the first palmer bore a shell of his pilgrimage back from the Holy Lands, to this hour when we bring home glass from Venice and tooled leather from Cordova, the souvenir habit has manifested itself. The man or woman of limited travel used to display these evidences in the whatnot; since travel has become common and easy, we furnish our entire houses with them, and our homes have become gigantic whatnots.

For example: the desk on which I write is lighted by a pewter lamp of the sperm oil era that hails from Cape Cod. Beside it stands a little trunk covered with cow hide, that represents a visit to a certain attic in a Southern city. Near it is a broken shell dug up in the trenches at Port Arthur. The flower vase was a honey pot from Syria. The paper weight is a piece of Victorian glass in the shape of a book. The pen came from Russia and the paper knife is an 18th Century English meat skewer. The picture that hangs above me is a map made by John Speede in 1631 and found in London. The chair in which I sit came from London. The rug hails from Murray Bay in Canada. The settee came from France and the big red chest from China. A marqueterie table came from England and the cuckoo clock from Germany. A radius of ten feet around this desk is a veritable whatnot—and I've yet to have anyone tell me that this collection of assorted junk represented bad taste.

PERHAPS, then, it was not the things displayed on the whatnot that caused the hilarity; perhaps it was the whatnot itself. It stood, you will recall, in the corner and was a triangular piece of furniture. The parlor was its usual abode; that parlor which used also to have a table on which the tea pot and tea cups were always arrayed.

What has happened to the whatnot? It is still with us. The hanging bookshelf, the niche and the corner cupboard are all current and popular expressions of the whatnot. All are what is known as "smart" and each, in its proper setting, is a pleasant accessory for a room. Instead of painted conch shells from Atlantic City, the modern whatnot bears its burden of *bibelots*. Thus, in the room next to that in which I am writing there is on the wall a triple hanging shelf of delicate lines flanked by two Godey prints. The top shelf has a strange fan from Paris, the second two mid-Victorian flower vases, found in an old house nearby, and the bottom shelf bears a motley collection of small and choicely bound books held in place by a little brass caddy from Brittany and a china hen that once served to advertise a brand of mustard. If this were standing in a corner, it would be a whatnot and visitors would make caustic remarks on the blindness of our taste, but since it hangs on the wall, it is quite up to date and people who come into the room envy our having it. But for the life of me I can't see much difference.

So it seems that the things we laughed at a few years back, we take seriously today; those that we discarded with blushes we now accept with enthusiasm and pride.

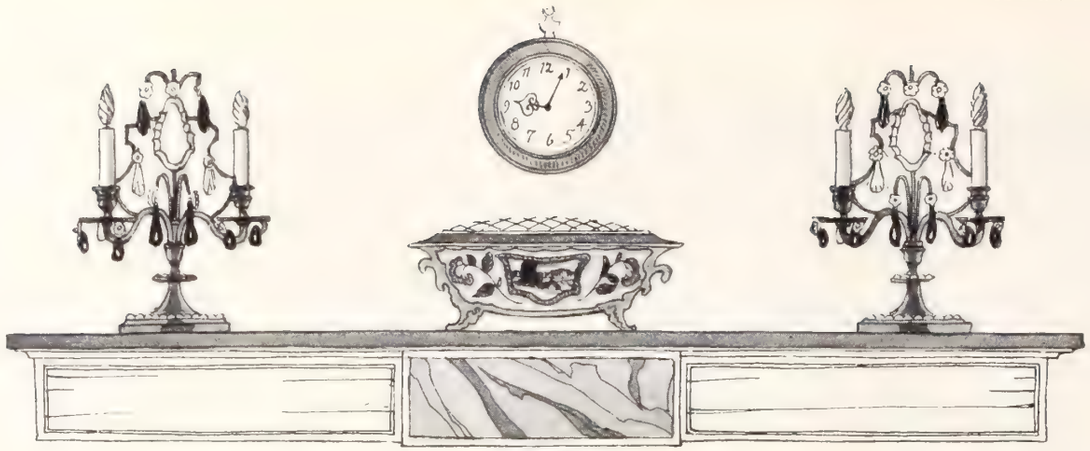
ALL of which goes to prove that even the people best posted in taste cannot say for a surety which way the cat of popular enthusiasms is going to jump. And it is just as well that they can't, for this would be a dreary world if we knew all that was going to happen in the next ten years. Had we known about the whatnots we would not have permitted grandmother's to go the way of the ash man. But think how cluttered our rooms and attics would have been while we waited for the cycle of taste to get around to us again! We would not have been able to go through the joys of the elephantine Craftsman period of furnishing, that followed the whatnot era. We would have missed the Turkish corner. Our men folks would never have had a "den", nor would amiable young women burnt Gibson girls on slabs of wood.

Like the rest of life, decoration progresses in spirals. Tastes come and go. We acquire and discard. We scorn and we accept. It doesn't mean anything especially. There is no hidden, esoteric philosophy to be gotten of it. It simply makes us realize that most of life's enjoyments come to us second hand. The junkman of Life sells back to us what once we sold to him. The sun that shines today is a second-hand sun; it lights second-hand rooms in which we lived yesterday, rooms filled with whatnots and souvenirs.



THE GABLE END

This view shows the interesting gable of a house in Riverdale, N. Y., the home of Mrs. [illegible], who generously opened the interior



In a living room of French inspiration a pair of graceful girandoles in silver finish with crystal and amethyst drops may be used on the mantelpiece



Certain types of rooms require an ornamental fixture such as the one shown at the left. This is black and gold, with crystal pendants. Robert Phillips Co.



The beautiful Georgian two-light bracket above with its fluted base, graceful curved arms and delicate finial comes in silver finish. From Cassidy Co.



The dull silver bracket above with its simple beaded edge is a reproduction of an old English Sheffield sconce. It would be effective on a dark paneled wall

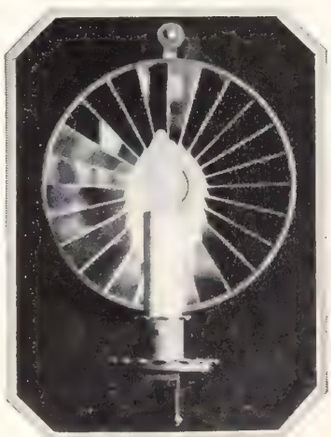


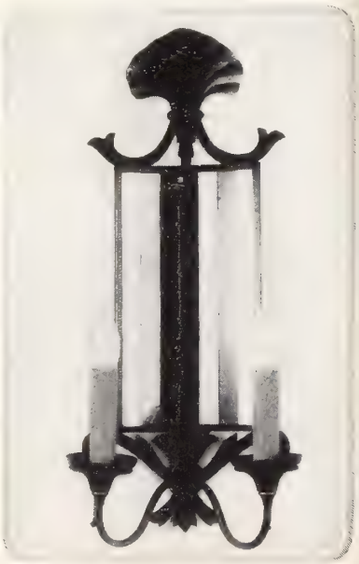
At the right is a mirror bracket engraved and shaped to suggest a shell. The frame is metal in an antique finish. From G. E. Walter

Below. For a Colonial living room comes a reproduction of an old candle sconce with a wheel-shaped reflector. Phillips Co.



The delicate arrow fixture above, suitable for a French living room, comes in dull gilt or in black. From G. E. Walter





An interesting fixture for a Spanish or Italian house has a back plate of mirrors and deep blue glass. From Walter

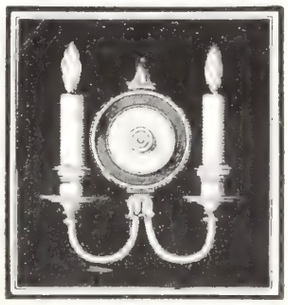
LIGHTS FOR THE LIVING ROOM





For an early English interior some a lively bracket in brass finish with an interesting hammered design and rope edge. From Cassidy

A charming fixture for an 18th Century interior is shown at the left. It is shaped like a pineapple, finished in antique gold and ornamented with crystal drops Diane Tate and Marian Hall

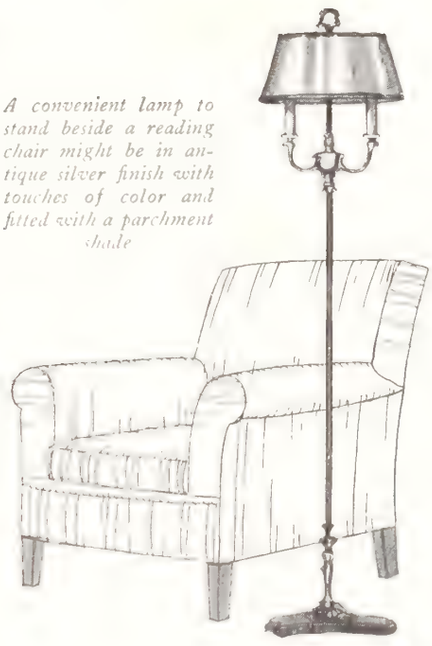


In an informal living room a two-light bracket such as the one above may be used. This comes in antique gold or in black and gold. The Lightolier Co.



In an early American interior with plaster walls and dark woodwork such a sconce as this pewter one would be appropriate. Cassidy

A convenient lamp to stand beside a reading chair might be in antique silver finish with touches of color and fitted with a parchment shade





Above is a fine reproduction of a Colonial pewter candle sconce notable for the graceful scalloped design of its back plate. From Cassidy

THE HOME OF ROBERT M. HAIG IN RIVERDALE, N.Y.

Julius Gregory, Architect





Left. A corner in the master's bedroom shows an interesting fireplace fitted with paneled doors, and a small built-in bookcase. The walls are rough-finish plaster and the curtains figured chintz

The walls throughout the house are rough finish plaster tinted a warm ivory tone and the woodwork dark oak. Above is a view of the dining room showing an effective tile floor

Books play a large part in the decoration of this house. In the study below are commodious recessed shelves while in the living room opposite books completely surround the wide window







COLLECTING EARLY AMERICAN GLASS

A Pastime Which Offers to Its Amateurs All the Pleasant Excitements of Search and Discovery

GRETCHEN LEE

THERE are days when life grows too bitter to be borne; when work and woe close in upon you like a vise. When you are besought and bedeviled by ladies in politics, by relatives in tantrums, by friends in their cups. When our duty has filed away upon you until you are too drab and dreary to stagger on.

Then you must escape—and to every man is given his own exit. It may be a Bach concerto or your neighbor's wife. It may be clothes or chloroform, singing or sin. You may write verse, wire a dog-house or wish for the moon. You may turn professor or pickpocket, bibliophile or bootlegger. But escape you must if you would endure. If you have tried them all and they have failed you—if ennui and misery still persist, turn to searching for old glass.

For here is a pastime so perfectly senseless that it is, as well, perfectly charming. It is as alluring as life itself and just as idiotically conducted. There is the same futile struggling against failure, the same mad scrambling for worthless baubles. The prizes of today refuse to hold water the day after. You are tricked and cajoled by hairlines and air bubbles and pontil marks; then in the end you fall for a crystal urn.

GLASS collecting has none of the virtues of the accepted games and sports. It rarely "gets you out of doors." Interesting old glass hides in evil-smelling kitchens, in shabby underground pawn shops, in back of harness and feed stores. It loves to lie alongside a leaking gas jet in the dark corner of a musty basement. It has always held kerosene at some stage of its usefulness, so it makes an admirable haven for dust and grime.

It never "develops character", the great boast of all genteel recreation. Instead it encourages bad manners and low practices. Glass collectors snoop in the affairs of others like reformers. They pry in pantries; they furbish in old trunks. They think and talk of nothing but prices. They brag more blatantly of their treasures than the newly rich. They hover about the home of some old lady who clings to her girandoles like a rising young embalmer looking for trade.

It requires no great taxing of the intellect. To be sure it takes some intelligence to detect spurious glass, some taste to appreciate its allurement, some knowledge to sketch in its proper background, but these demands are not heavy. They are nowhere nearly so complicated as the rules for golf or good behaviour. It needs no particular field; any street except a fashionable highway may be a glass cache. You may search for anything, from the crystal chandelier, as beautiful and graceful as a great lady, to her country cousin, the awkward camphine lamp. You may hunt for beakers or bottles, candelabrae or cup-plates, pitchers or platters. Perhaps you may never find one of them. But you will surely find, if you will look for glass, romance and adventure.

YOU may, right off, stumble on a piece of Wistarberg. A pitcher, maybe, with its bulbous body and its flaring neck. You can lift it to the light to find its shimmering color deepen at the thicker parts of the glass. You can stroke it with your thumb to get the feel of its particular quality. You can know that you hold in your hand one of the earliest forms of American artistry.

It was made by a German, straight from Wald Hilspach. His name was Casper Wistar—he began his career in America by making brass buttons in Philadelphia. Being young and ventursome he turned to less prosaic tasks. He founded the first successful glass works the Colonies had ever seen. But he couldn't do it alone and evidently the labor he could find among our forefathers was too clumsy for his liking. He was forced to draw upon the Fatherland. Jacob Stenger, Simon Kreismeir and John Wentzell came over to lend a hand and his early payrolls included a Freas, a Troelinger, a Dielshower and a Kneidal. They set to work with blowpipe and marver, procellas and shears to make our earliest American glass—now on display at every convention of the D.A.R.

IF you are so far gone into decay that the sight of a Steigal bowl does not tighten your heart, you are far gone indeed. There is first the romance of the Baron himself. A swaggering, roistering fellow who came over from Germany a few years later than Wistar, with ideas and arrogance and a pocketful of formulas for making glass. He set up his furnaces and his kilns and went busily about his affairs—turning out glass that has never been surpassed. He put on airs, he strutted before his townsmen. He demanded the homage which all artists deserve. Alas—he wound up in the almshouse and there was doubtless much chuckling over it among his less talented neighbors in Manneheim, Pennsylvania.

But he left behind fragile utensils of marvelous charm and beauty. Mugs shot with a regal blue that can not be approached by modern glaziers. Bowls of his steely, icy crystal at once sturdy and delicate. Balls of elusive, striking tints which were used as stoppers for the mouths of jugs. He fused beauty and usefulness in a fashion that is all too rare. When his handiwork appears in the out-of-the-way places, a country auction, a back street shop, it is glaringly conspicuous among his imitators and his successors.

Or you may search for Sandwich . . . usually a clear glass pressed into curving acanthus leaves, horns of plenty, and clipper ships. You admire the cup-plate, that handy little dish in which our ancestors rested the cup while they drank from the saucer. They blew into them the news of the day—a picture of the Cadmus, the boat which bore Lafayette to America just a century ago, a profile of Major Ringold, a lumpy log cabin with its cider barrel and now and then a motto to keep the mind on lofty thoughts.

THIS habit of writing history on as fragile a tablet as glass is one of the amusing turns of its search. What a hopeful dreamer it was who fashioned a weary horse drawing a car loaded with lumps of coal and bales of cotton along the rails—and then encircled the picture with the cheery wish, "Success to the Railroad." Zachary Taylor, the hero of our valiant war with Mexico, glowers out of the side of an old bottle with "General Taylor Never Surrenders" spelled out above his head. Benjamin Franklin, an austere patriot with his nose slightly askew, sparkles beneath his own words, "Where Liberty Dwells, There is My Country."

But the greatest charm of glass is the charm of the people who own it. It has a delightful affinity for the cheerily irresponsible. Where old chairs are cherished by the doddering or the niggardly or the bumptious, and old china by the thrifty, old glass falls into the hands of those who "keep it for its looks." They will hang on like death to an old glass pitcher with a wind-blown Venus and her rowdy looking child on its side because, "it's sort of pretty like." They'll refuse most generous offers for a candlestick with coffin prisms because they like to hear the occasional tinkling of the crystal in the breeze. They will

(*Continued on page* 146)





Walter Douglas, at Cromwell, N. J. This is a corner of the lower garden in tulip time

One of the borders has spring consists of Lupins, Iris, Columbine and the bold heads of Sweet William Pansies and backed by Hollyhocks

Houttei

A GARDEN IN SPRING AND SUMMER



The Rose garden is laid out each side of a wide panel of turf. This is edged with a line of Arborvitae and standard Roses for accent points. The background is formed by a series of bowers over which grow climbing Roses. The Rose beds alternate with solid beds of Sweet William



One of the long borders in the Douglas garden ranges along the terrace above the tennis court. It is marked off by a series of posts and chains on which climbing Roses are trained. Iris is planted between, with Peonies and Columbines and the foliage of summer flowers filling the wide bed



Iris is the favorite flower of Mrs. Douglas and it has been planted in great abundance and variety. The entrance court area is surrounded by a double Iris border, the plants being set in the slope of the terrace with a wide path separating them on the front and back.



In this garden Iris are unbelievably beautiful in late Spring. Early and late varieties give a long season of bloom. The great clumps are planned in accordance with a considered scheme of color effects so that the garden at this season is a dazzling rainbow of color.



A rock garden the second year after planting. These colorful May effects are made by Mountain Phloxes, Alyssum saxatile, Rockcress, Viola cornuta, Chinodoxa lucilae and Scilla siberica. The garden, which is on the place of H. J. Potts, Germantown, Pa., was designed by Richard Rothe

COLOR IN THE ROCK GARDEN

Some Simple Combinations of Plants That Add to Nature's Abundant Display

LOUISE BEEBE WILDER

ALTHOUGH these notes have to do with color in the rock garden they are not by any means to be understood as advocating a color-scheme. A rock garden is supposedly the best report we can give of a rugged natural scene, and what more incongruous than a pattern of tints and tones, each the happy complement of the other, nicely fitted among jutting crags and winding valleys?

Some one has said that a rock garden should appear neat but natural; and we might add that, while we may go to great pains to make its color associations lovely, they should appear quite careless and unpremeditated.

In no other phase of gardening may such exquisite color associations be invoked with so little thought and planning, and nowhere else do we ever have such amazing colors and textures to do with. Nothing is easier than to make charming pictures in the rock garden. Indeed, more often than not they make themselves, seeming to delight in surprising us with gay entanglements where roots have run together

Dianthus caesius is a charming Pink with gray foliage. Here it is shown in the author's garden behind one of the sky-blue Penstemons from Colorado

In the author's garden is this group—Dianthus deltoides, a bright rose Maiden Pink, with a clump of an attractive Arenaria in the foreground







The English Bluebell, Scilla festalis, growing with American Rock Pink, Silene pennsylvanica. They are interplanted with Hepaticas for an early show



From Thibet comes the new Poppy, its warm yellow blossoms showing well against pinkish stones and the hoary foliage of Helianthemum

bringing about the most felicitous alliances, or where seeds have crossed a wide stretch of country to spring up and take their part in a scene that is the gayer for their coming.

Sometimes the picture will be no larger than your hand, again it will cover a hillside, again, at certain seasons, all the garden will blaze and shimmer with breadths of azure, of rose, of gold, of grey and, here and there, bits and patches of high scarlet that give life and meaning and the tang of the unexpected to the enchanting scene.

We may plant closely in the rock garden and underplant with hundreds of little bulbs so that more than one display takes place on each bit of ground. But in doing this we must guard against planting the

(*Continued on page* 118)

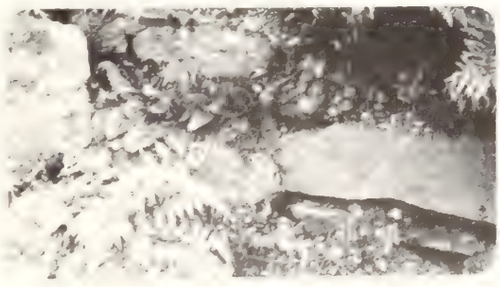


White Peach-leaved Bellflowers, Campanula persicifolia, are planted in Mrs. Wilder's garden, against the green of the wood

(Below) Small treasures that are at home in the rockery of Clarence W. Lown, Poughkeepsie, N. Y.—Hairbell (Harebell) and Saxifraga sarmentosa

(Below) A bright blue Gentian, a gray stone, a tuft of silvery Ferns, with Geranium sanguinea cordifolia and Cheilanthes lanosa

(Below) Phlox subulata, a clear bright pink, is planted in the author's garden with Dicentra Corydalis lutea, his neighbor





(Below) White Geranium, Purple Bellflower, Ferns and Columbines make this delightful tangle in a little corner of Mrs. Wilder's rock garden





OPENING THE CLOSED HOUSE COMFORTABLY

Some Things to Look After Before the Country House Season Begins

ETHEL R. PEYSER

THE opening of every house after a period of vacancy begins before or when it is being closed. It is strange, but no less true, that whenever a house is being closed there is always more or less haste to leave it—to get on to the next house, or to do something else. It is in this rush, that things are left, oftentimes, in a chaotic state, which, upon the re-opening of the house, necessitate corrective and expensive measures.

Very often too the house has been lived in despite faulty conditions, and in this haste of departure the discrepancies are overlooked, which, had they been doctored in time, would have saved money, time and health.

One of the first things to be done when opening the house is to air it thoroughly. This is a wise precaution in all seasons. When the house is opened for winter occupancy, the furnace should be started for a day or two, to warm and dry the home. Many a cold has been contracted, because people have chosen to live in houses that are cold and discomforting.

At this time, then, may appear any difficulty with the furnace, which, of course, should be repaired at once.

While airing the house, it is wise to go through it from cellar to roof, in an attempt to detect any odors, which do not belong in the healthy home. These would come under the head of gas, if it is used in the house; decaying animal matter, which is a common occurrence when a mouse or chipmunk dies inside or outside of the walls; and any traces of sewer odors. So this period of airing and heating the house can be used for the period of inspection, in which can be prevented vast unpleasantnesses of living.

Before lighting any gas stove, or gas fixture, escaping gas should be interpreted as a warning and measures taken to prevent explosions. Airing the room in which the leak originates is a wise precaution.

Wiser than all things, however, is to engage the gas man to come and investigate for leaks and have the electrician come to see that all the wiring and fuses are in good condition.

FAUCETS are often neglected in the house which is being opened and, frankly too, in the house which is continuously occupied. Although water is used constantly, very little attention is paid to its comings, until it begins to act strangely or until it refuses to come at all! When the house is opened, the faucets should be turned on, one by one, under observation, and viewed as to the color and condition of the water, whether the flow is normal and whether the faucets drip or are in good condition. If the water is rusty and the faucets persist in ejecting brownish and unpleasant looking water, which does not clear up on long runnings, it is wise to see a plumber or treat the pipes with a rust annihilator. But, of course, the wisest thing when such a condition persists is to have a water analysis and then, if necessary, get an excellent filter which filters the water from the cellar as it enters your house. . . . If it is only the pipes that are rusty, this can be cured by new pipes or some anti-rust treatment. The best thing to do is to install brass pipe throughout the house to banish, once and for all, rust and leaks in the plumbing system.

The faucets that leak can be mended and save unnecessary drippings, splashings and noise, to say nothing of the extra cost of water, if you are "on" a water meter. Gallons of water are wasted yearly in drippings of faucets. If the faucets cannot be mended, it will be interesting to a householder to inspect the many styles of faucets made for special needs and uses and get some new ones. These things seem absurdly simple while reading an article like this, but in actual experience, they are the complex simplicities which rudely interrupt living.

IT IS most important too, to inspect the house for sewerage gas which is prone to invade through the pipes that have access to the street mains. There are curved necks in the pipe traps under the sinks which are supposed to hold water, and prevent the entrance of sewer gas. If, for some reason, these are failing in their duty, odors will creep into the house. It is well to see that these safety traps are not clogged, by letting water flow through them copiously and by supplying them with new, clean water.

Meters are alien and mysterious things only because users do not allow themselves to become intimate with them. How few can read the water meter, gas meter or electric meter! Before closing and after re-opening the house, these simple dials should become a part of the reading habit, if bills are worth considering. Before closing the house, all the meters should be carefully read and the reading recorded, so that they will not be forgotten. When the house is opened the meters should again be read. In this way leaks will be detected, if, for some reason, the gas has not been turned off; the water turned off; or the electric current discontinued. Even if these supplies have not been cut off, the meters should be read when opening the house in order to gauge the accuracy of the bills when they come, and to know intelligently how much gas, water, electricity, is being used. When the house is closed, the gas, water and electricity should be cut off.

CHIMNEYS and flues should be well inspected before going into the house that has been vacationing. This will forestall dangers of fire and back smoke which can be not only dangerous but a constant source of inconvenience and discomfort. There are men whose business it is to doctor flues and chimneys and in this case, an ounce of prevention is worth many pounds of cures.

At all seasons of the year, whenever a house is opened, the windows should be examined. The window that rattles and that admits undesired draughts is not only a nuisance but a menace. No window can be draught proof, unless it is metal weatherstripped. Little regard is taken of the colds and ailments that result from leaky windows and nerve-wracking rattling windows. Many a good floor has been ruined by a window which invites rains, snows and winds into the home. Often on entering a house, the floors near the windows will be in very bad condition due to the entrance of rain and snow. Therefore, the house that is weatherstripped, will save much time and money for the owner. Futhermore, the metal weatherstripped house keeps out dust and when applied to the house, the house-cleaning at the re-opening will be far less arduous because it will be far less dirty and sooty.

During the absence of interested dwellers, the roof which has been continuously in action, needs attention. It is wise then, to look over the needs at this point to see whether you can forestall trouble due to damaged shingles and the like. Of course, when the house was built, the more permanent type of shingle would obviate any trouble here. We cannot help stressing the fact that the better shingle, though more expensive, will be cheaper in the end, for it is comforting to be able to say,—"We can let the roof take care of itself," when re-opening the home.

All the exterior locks of the house, should be well tested to see if they work efficiently.

(*Continued on page* 174)

A LITTLE PORTFOLIO OF GOOD INTERIORS





The main feature of this room is the fireplace with its fine panelling and recessed bookshelves, painted apple green. The walls are plaster tinted a soft cream tone. Mr. French was the architect of this house





W. R. Perkins

The pictures on these two pages are of a combined living and dining room in the home of Mrs. Alfred R. White, in Cincinnati, Ohio. Above is an unusually livable fireplace group showing overstuffed furniture covered in figured and plain materials

The walls in this room are rough plaster tinted apricot color and the ceiling pale robin's egg blue. This blue is repeated in the covering of several chairs and in the curtains of sheer gauze. At the left is shown a comfortable corner used as a study



Above: the library and inner end of the room showing the interesting manner in which the furniture has been grouped. The chairs are covered in beige and brown linen and the love seat against the end wall is done in gold, apricot and turquoise blue cotton



The oak refectory dining table is placed before a group of western windows overlooking a sidewalk terrace garden. In the far corner is an interesting Italian ecclesiastical picture frame converted into a two-shelf book niche. Mrs. White



Steichen, New

IF YOU HAVE TO LIVE IN THE CITY

Within the last few years a very literal method of high living has been developed where tall buildings abound. In New York a surprising number of skyscrapers are topped by one-story structures up to which the roar of traffic comes as the gentle murmur of brooks and breezes. From this Olympian bungalow New York lies below in thrilling but peaceful panorama

AGAINST THE GLASS





In the room above a decorative painted window shade has been used with a pair of sheer green gauze curtains hung from an ornamental valance board. Theilgen, Inc., decorators



Left, curtains of coarse net in golden yellow are hung from a painted wood valance board decorated with a colorful flower print cut out in back so that the light shines through



The valance with above is an interesting drawn work design and comes in all colors

Above, Soft cotton fabric in all colors with stripes in darker shade and lace at top and bottom



The Gold and Silver Flower is the apt common name given to Lonicera japonica chinensis. It hails from China and is first cousin to Hall's Honeysuckle. Flowers are white changing to yellow, red young shoots and leaves

HONEYSUCKLES IN BUSH AND VINE

This Great Plant Family Contributes Generously To the Color, Form and Fragrance of the Garden

E. H. WILSON, V. M. H.

HONEYSUCKLES and fragrance are inseparably associated in our minds and when we think of these plants memory calls up and visualizes those with twining stems, clustered bunches of tubular varicolored flowers rich with honeyed scent haunted throughout the summer with darting Humming Birds and buzzing Bees. Often they recall some old homestead with porch and roof dowered with an unruly tangle of growth, the air filled in the cool of the morning and evening with intoxicating fragrance; the balm of peace and content enfolding the whole scene. Or maybe they bring back memories of some woodland stroll where cool air laden with perfume gave zest to the passing hour. But always it is the delectable sweet odor the senses conjure forth. Surely plants which leave such vivid fragrant memories are worthy of intimate acquaintance.

The Honeysuckle or Lonicera family is a very large one and some members at any rate are suitable for gardens anywhere and everywhere in this country whether they be in the cold north or warm south. The climbing section of Woodbines has been alluded to but there is a larger group of bushy habit less blessed with fragrance perhaps but extraordinarily productive of flowers and brightly colored fruits. And among both climbing and bush Honeysuckles are kinds with evergreen foliage.

The climbing Honeysuckles are mainly woodland plants thriving best when their roots are sheltered and the soil cool. Also they are happiest when the air is more or less laden with moisture and for this reason flourish by the seashore. The Bush Honeysuckles in general love sunshine and by this token give much greater returns and are far better garden plants in this country than in the British Isles. Indeed, some like the Tatarian or Fly Honeysuckles are among the most satisfactory shrubs the gardens of the colder parts of this continent possess. One evergreen sort at least (*Lonicera nitida*) is proving a quick-growing hedge plant of exceptional merit in California and other mild parts of this country.



Handsomest of the Woodbines hardy in New England is *tragophylla* which thrives at Bar Harbor. When perfectly happy in cool deep loam and partial shade this plant will twine over bushes and trees, trellises and porches twenty feet high. The flowers are bright yellow, each from three to three and a half inches long, and borne ten to twenty together in a terminal head at the end of the branchlets. A large tangle of this Honeysuckle in full bloom is a sight to be remem-

(*Continued on page* 114)

The handsomest of the Woodbines hardy in New England is Lonicera tragophylla, a native of central China. Flowers are bright yellow. Mr. Wilson introduced this Honeysuckle

Distinct and curious is the tubular, twin-flowered Lonicera involucrata, a bush Honeysuckle native to the northwest. Flowers are yellow, orange and red





M. L. Gra...



M. L. Gra...

In late summer and autumn the Honeysuckle bear fruit locally in color. Above is an arching branch of Lonicera bella, weighted down with flowers and fruit in June

(Right) Lonicera Maackii is one of the best bush Honeysuckles, with clustered milk-white flowers. Its fruit ripens in October. Above, a mature bush



The last bush Honeysuckle to shed its leaves and fruit is Lonicera Maackii var. podocarpa. December is the month. This is also one of Mr. Wilson's introductions

Below is a mature bush of Lonicera Maackii. Since it holds its fruit and leaves late into the winter it is a valuable addition to garden beauty when that beauty is limited





Nothing in stone could be more impressive or effective than these clipped Yews which stand like two great pylons guarding the stairway to the lawn of this English garden

HEDGES IN MANY MANNERS

Plants Clipped in Straight Prim Lines, Give An Architectural Quality to the Garden and Grounds

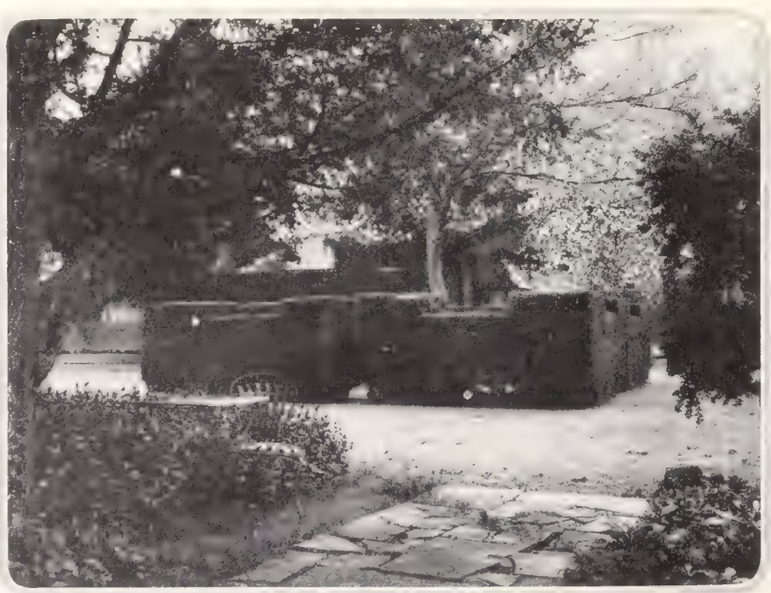
H. STUART ORTLOFF

THE Jesuit poet, Rapin, in one of his quaint old poems tells us that Flora's hair hung all undressed, neglected "in artless tresses" until in pity another nymph "around her head wreathed an boxen bough," which so improved her beauty that trim hedges were placed ever after "where flowers disordered once at random grew." In any event the use of hedges has come down to us from the days of the ancients, and has played an important part in landscape design. They have served many purposes both useful and ornamental and today we find them almost indispensable as elements in the garden scheme. It is our purpose here to speak briefly of the use of hedges in the past and with this as an inspiration and guide to deal more specifically with the hedge as a modern garden element.

The dominant characteristic of the French garden, since the days of Le Notre, has been the long straight avenue. What better way of bringing out the beauty of this line than by reinforcing it with neatly clipped hedges? From this simple treatment of path and hedge were developed the idea of clipped alleés, pleached alleés, bosques and finally the varied, though perhaps too artificial, topiary forms, often becoming pictorial or grotesque. In our modern gardens we may accept the idea of the hedge bordered path and avenue, the pleached alleé, and the bosque, discarding those over-florid forms into which the enthusiasm of the Renaissance gardeners carried them. The sudden contrast of shade and sunlight brought about by combining these long shady vistas with open lawns is particularly delightful.

In England, where the climate made enclosed gardens practically a necessity, thick hedges of Box and Yew came into use for this purpose, surrounding rectangular parterres and terraces. These were later combined with the French alleés into a composite type of garden best exemplified by Hampton Court. Due to the ease with which Box and Yew can be trained, topiary work became also very frequent, rising to heights of both great beauty and absurdity. Here again, the modern gardener, selecting the wheat from the chaff of past experience, uses the hedged enclosure as the foundation form on which his garden is built, designing its interior arrangements with regard to the uses which the present day garden is to serve. Instead of the over emphasized use of bedding plants and formal parterre work we now develop broad grass panels surrounded by deep borders of perennials and

(*Continued on page* 162)



This enclosure on an English lawn depends for its whole attractiveness upon the artistic arrangement and shape of the hedges. While Yew could not be used here, Hemlock would give a similar effect

For a large evergreen hedge, particularly if used as a background, as in this garden of the late Augustus St. Gaudens, at Cornish, N. H., White Pine is splendid

Low hedges of clipped Box outline the beds in the garden of Mrs. H. H. Rogers, at Southampton, N. Y., and add a note of primness to the ensemble









Pleached Limes are hedge like, if not actually hedges, and provide an excellent formal approach to architecture in the garden

In this garden the gravel beds are lined with an edging of hardy Pinks, whose tenacious foliage carries their effectiveness



A low hedge forms a subdivision of lawn and terrace, thus separating the contrasting surfaces of stone and turf

LEADERS, GUTTERS AND FLASHINGS

These Often Inconspicuous Fittings of Sheet Metal
Are What Save the House from Leaks and Dampness

FREDERICK HOUSTON

SHEET metal work is one of the details of building not overly apparent to the casual observer but of prime importance to the householder, if he is to be dry housed and well protected against spotted ceilings and walls due to leakage of water from rain and melting snow. It falls into two main divisions. First there is what might be termed the exposed plumbing for the roof surfaces, the gutter and leader (downspout) system for taking off the roof water. Then, as a second division, there are the flashings-sheet metal protection worked in wherever roof and wall materials do not fit together sufficiently well to shed water. In general flashings are to be found where such features as chimneys and dormers emerge through the roof, and in the hip and valley angles caused by changes in direction of the roof surfaces. These are but a few locations, however, where flashings have to be put in, for throughout the building from the first floor up, this necessary insurance against leakage has to be carefully planned out and installed.

In these days of city water for the town dweller and the bored well and small private pumping plant for the country house, we do not appreciate the preciousness of rain water in former times, and the elaborate preparation made for its collection and storage.

Our present system of gutters, and leaders for draining the roof may be looked upon as an English refinement, which attained a very high development in the 16th and 17th Century. In late Gothic and Jacobean building, the plumber, still true to his name and a lead worker, was often an artist, as is evidenced by the richly worked gutters, leaders and leader boxes which in some quantity, still remain in place in England today.

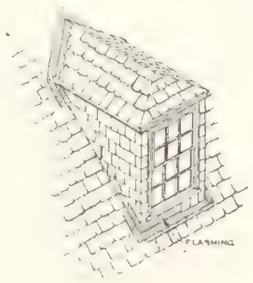
A beautiful accompaniment of this old English water collecting system was the lead cistern to which the "leaders" were run. In many English mansions the utilitarian cistern was a highly ornamental feature of the courtyard. Mounted on a stone base and set against the house wall, the location was ideal for showing off the surface enrichments of armorial bearings, mouldings, bands and figures in low relief. This enrichment did not stop with the cistern but was applied to the down spouts, leader boxes and such lead gutters as were used.

The wooden cask was the simple substitute for the lead water tank, and is still in occasional use. In our own

(*Continued on page* 170)

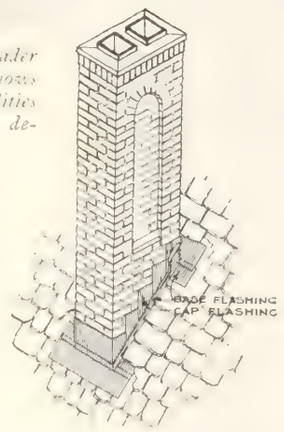


This ornamental leader head, dom in lead, shows the artistic possibilities of these practical devices



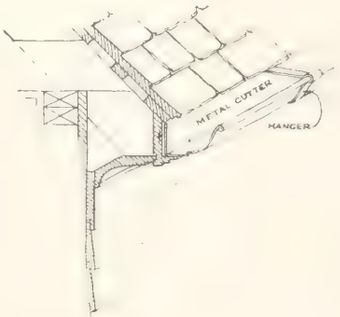
FLASHING FOR DORMER
ON SHINGLE ROOF

Flashings of sheet metal are used to tighten the joints where dormers meet the roof



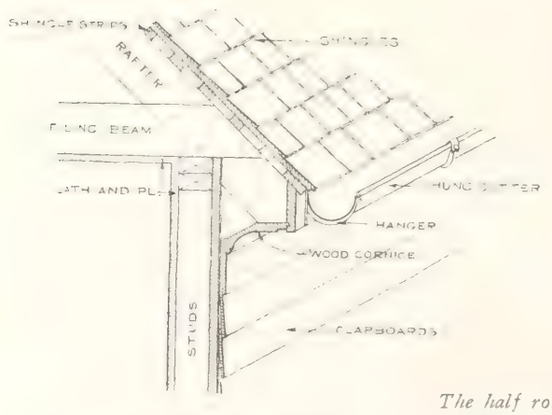
STEP FLASHING FOR CHIMNEY

They are used in the same way on chimneys, and thus prevent leakage through the crevices



MOULDED HUNG CUTTER

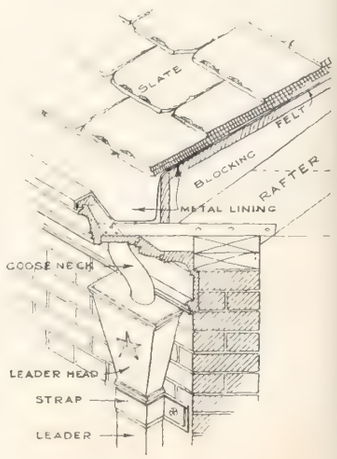
The moulded hung gutter fits snugly under the eaves and continues the shape of the cornice



HALF ROUND HUNG CUTTER
STOCK PATTERN

The half round gutter is the simplest and least expensive type. This diagram shows how it is put in place

A box gutter is one concealed within the cornice and is invisible from below

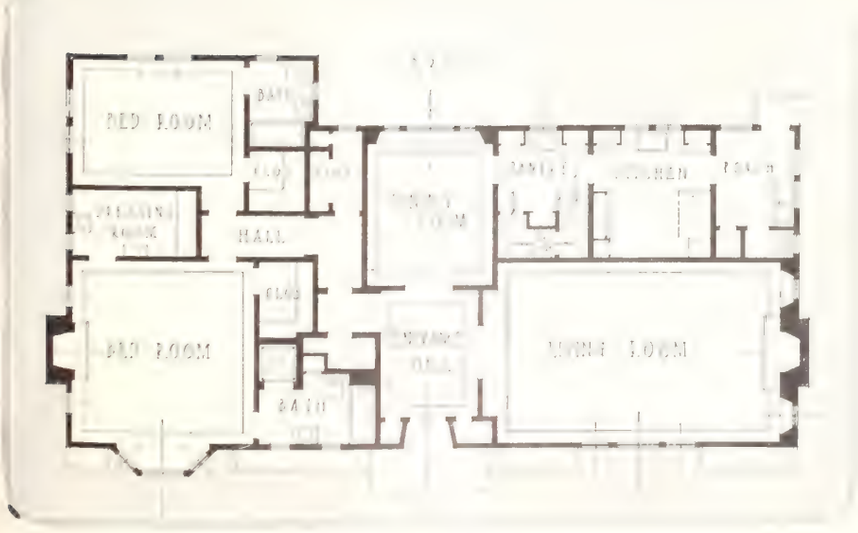


A WOOD CORNICE
CONCEALING A METAL LINED CUTTER
THIS IS TERMED A "BOX CUTTER"



The long, low lines of this house at Pasadena, Cal., agree with the spirited pitch of the roof, and it is unusual in the way in which the effect is accentuated by the rough texture of the white walls. The latter are built of stone, but are so completely parged with cement that there is only a suggestion of the natural material underneath

THREE PAGES *of* SMALL HOUSES *from* KENTUCKY *and* CALIFORNIA





The chimneys, parged and whitewashed to match the walls and set with terra cotta chimney pots, are nicely placed at each end of the house to give an accent in the architectural scheme and add to the homelike appearance of the building

Practically all the rooms of the house are on the ground floor, the story above containing only the service bedrooms. The living room, with kitchen and pantry, is separated by dining room and hall from the bedrooms. George S. Hunt, owner; Marston, Van Pelt & Maybury, architects



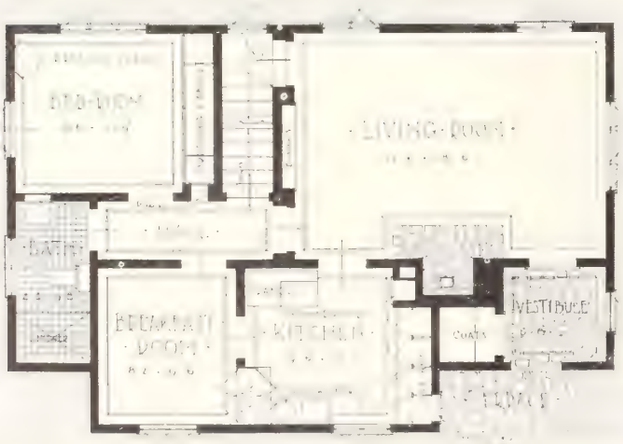
This house lies upon one of the most trying locations imaginable—a site that slopes sharply away from the road; but it has been cleverly designed to overcome the trials of its situation

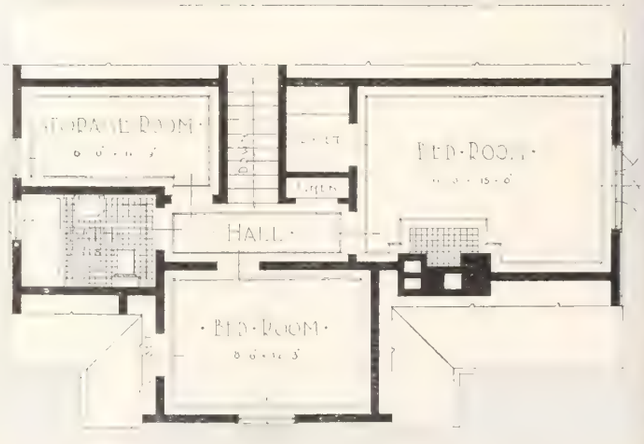


The roof lines fall into an attractive architectural mass as one peers over upon the house from the edge of the highway above. Two large Pines cast their shadows over the shingles

The first floor contains a well-balanced living room, with stair leading off it to the floor above, a well-planned kitchen, breakfast room and an apartment of a bedroom and a bath

On the second floor are two bedrooms, a bath and a storage room all opening from a central hall. Henry Norton Foster, Ashland, Kentucky, owner; Tyson & Foster were the architects





A SMALL FRAME HOUSE IN CALIFORNIA

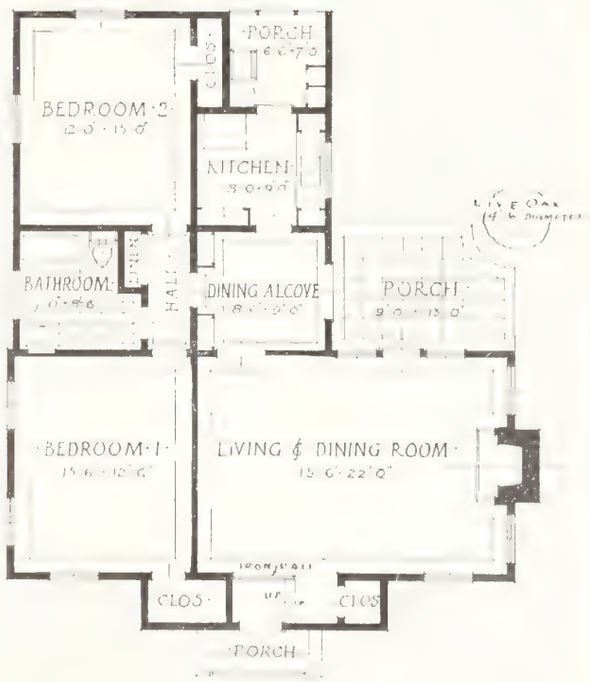
The shape and arrangement of this house have been controlled largely by the great Live Oak whose bulk and shade fill the interior angle of its L-plan. Mrs. M. P. McMurray, Pasadena, California, owner; Donald P. McMurray, architect





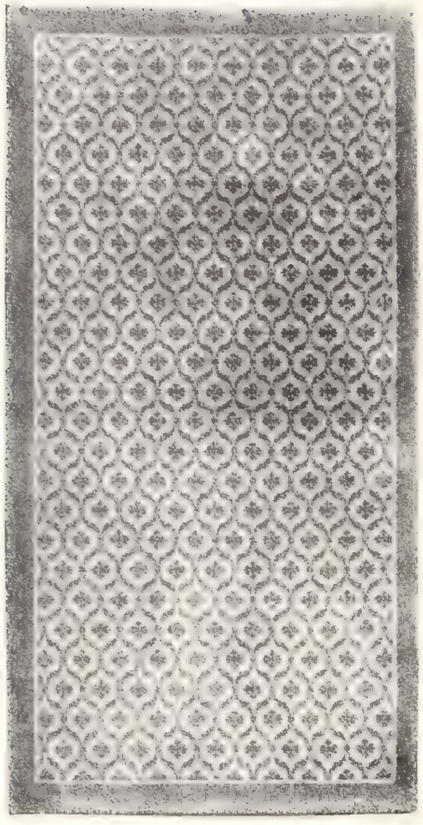
The entrance is in a short gable end, nicely mounted and set behind a wrought iron rail. The house is finished in white painted ship lap—an ideal exterior for a house of this size and character

A wooden grill through the wall of the house separates the dining alcove from the dooryard pergola. The effect is the latest vogue made famous by the Spanish, and that leads to a hallway





Above is a practical and decorative rug made in Kashmir of felted goat's hair. The embroidery in vari-colored wool is on a natural or colored ground. Four by six feet. B. Altman & Co.



Above. A practical rug for either a country house living or dining room because of its self-tone allover design. It is wool wilton in soft taupe color. All sizes. From B. Altman & Co.

Rugs. The peasant charm of hooked rugs is as potent as ever. Decorative and durable, this type of rug is particularly attractive with maple furniture. From Lord & Taylor



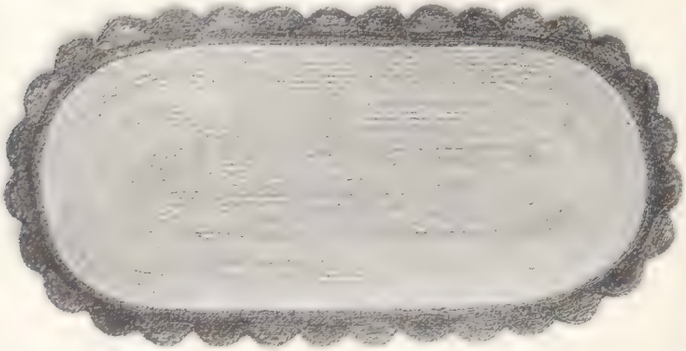


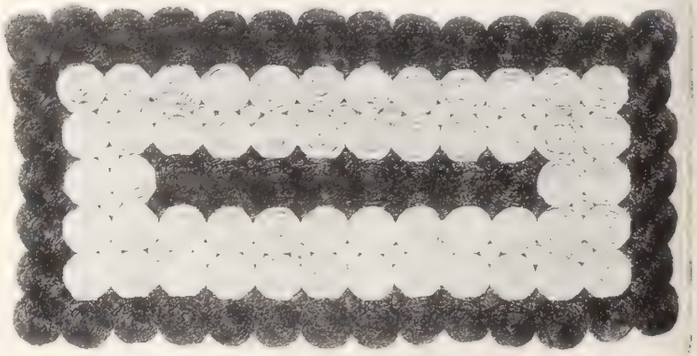
The rug above suitable for a summer bedroom, bathroom or nursery is washable and sunfast. It is cotton chenille with a tan ground and flower design in colors. From Mrs. Gillette Nichols

RUGS FOR THE SUMMER HOUSE

Below is an interesting new fibre rug for a porch. It has a natural center and a scalloped border in green and black, brown and black or plain dark brown. It comes in all sizes

The porch rug below, so effective in design, is Florentine fibre. It comes in black and tan, red and black or orange and green. It may also be had in various sizes. From B. Altman & Co.





Dana B. Merrill



Landes

The porch above is an English country house is notable for its furniture in the Chinese taste and for its interesting use of Chinese painted screens as wall decoration



Mrs. A. Wm.

The garden room ... and pergola, ... able furniture, painted cool green, is delightfully suggestive



Gillie

PLACES TO ENJOY THE SUN

Comfortable Chinese rattan furniture is used on this brick-paved porch in the Massachusetts home of C. A. Robinson-Smith. Coffin and Coffin, architects

THE ART OF PLANT-BOX GARDENING

Indoor and Outdoor Gardenettes: Their Construction, Color, Soil Preparation and Plant Combination

LEAH STANLEY HURLBERT

WINDOW and porch boxes are pleasant additions to almost every house. Especially are they splendid things for people who live in apartments or on small city lots where there is no place to garden save on porches and in windows.

These boxes may be used to accentuate a color scheme or to form the basis of a color scheme all their own. They should be painted in colors that harmonize with those of the exterior of the house and the furnishings of the porch, if there is one near: white, sage green, bottle green, ivory, yellow or brown all being excellent colors, to which designs may be added if desired. All boxes should be carefully planned with reference to building dimensions, soil preparations and flower combinations. The same plans throughout are just as practical for indoor window boxes as for those outside.

Window boxes can be purchased at a reasonable price, or they can be easily constructed by anyone handy with tools. They can be made of wood, metal or cement. A zinc-lined box with an opening in the bottom for drainage is undoubtedly the best, but boxes unlined cost a bit less and prove quite satisfactory if prepared properly.

Do not plan too small a box, as the plants would become unnecessarily crowded. The box must be deep enough to hold sufficient soil to carry the plants through an entire season. This ensures both nourishment and slow evaporation. It should measure no less than 6 inches deep, inside measurement, preferably 8 or 10 inches, and should be about the same width. The most desirable length is 4 feet and the longest should not be over 6 feet. If greater length is needed they should be made in two sections. As they have to support a heavy weight they should be strongly built. The window boxes should extend the full width of the window casings. They may be supported by wooden or wrought iron brackets, depending upon the type of the house. Braces may be made as follows: for a box 10 inches deep, a strip of wood as long as the box is nailed to the house 11 or 12 inches below the window casing. Three short pieces of wood the width of the box are nailed to the strip of wood that runs at right angles, the outer ends rest on still other boards which slant back and down to the baseboard of the house. This is one of the safest forms of support and is also cheap. As there is a great amount of weight it is best to nail through the studding. If the box is to stand on the porch instead of under the window, rest it on legs or supports of some kind or set it outside on brackets, rather than let it rest directly on the railing or floor, as that would rot the wood. If the box is not to be lined with zinc, it is best to char it on the inside so as to avoid rotting—with cypress, this process is really unnecessary as there is little, if any chance of decay. The charring can be done by saturating the inside of the box with kerosene and burning it out. After it has become thoroughly charred, smother the flames with dirt. To provide for proper drainage in an unlined box, several holes about 1 inch in diameter and about 6 inches apart should be bored in the bottom of the box after it has been charred or prepared, and the holes should be covered with broken bits of flower pots or china, concave side down, or something that will not permit the dirt to run through the holes or pack over them and prevent surplus water escaping.

A layer of some sort of drainage such as moss, straw, straw manure or leaves should be placed at the bottom of the box. This prevents the soil from working down and clogging the drainage spaces. The drainage (stone and moss) should take up altogether about 2 inches. The greater the body of soil above the moss the more evenly moist it can be kept. Because the amount of soil is limited it should be of the very best. The ideal soil is a good, rich garden loam which is best obtained by chopping up rotted sod or digging some from the bottom of the compost heap. Put a layer of the coarser soil over the moss and on top of this the finely pulverized garden soil mixed with one-fourth to one-third of its bulk of finest well-rotted cow manure; or dried sheep manure (obtainable from a seed house) may be substituted. Fresh manure should never be used as it burns the plants. Bonemeal is very good as it nourishes the plants and yet does not induce too rapid a growth—one-twentieth part bonemeal is the proper proportion. If the soil is heavy or clayey, it can be lightened by adding one part sand. Fill the box to within 2 to 4 inches of the top.

The selection of the flowers to be put in the boxes depends somewhat upon the exposure—whether North, South, East or West. Some flowers thrive best in



Plant boxes play an important part in the decoration of this terrace in Sutton Place, New York City. The combination used on balcony and walls is Geraniums and English Ivy



Porch boxes are best treated this way—with a trellis softening the square lines of the house. The flowers selected bloom in close succession from May to October.

A variety of plants has been used in the window box of this California home. Vines in the front of the box make graceful garlands to the ground.

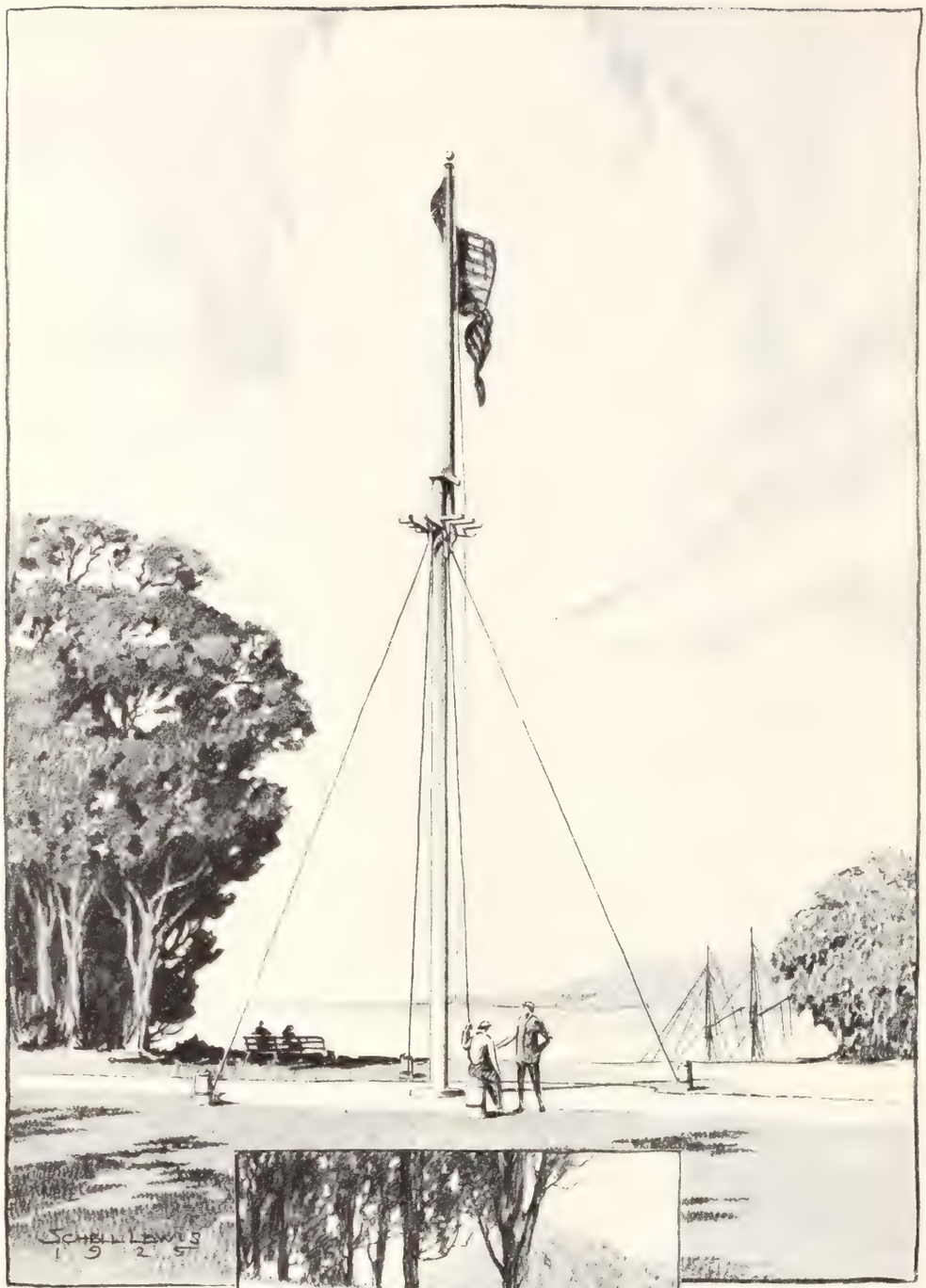
direct sunlight, some grow luxuriantly in the shade and die or stop blooming when exposed to the sun, and others demand certain proportions of both sun and shade. So in order to get luxuriant masses of healthy flowers and foliage, we should know the habits and needs of the plants we put in our gardenettes. Avoid crowding in too many varieties promiscuously, as some of the loveliest combinations are made up of just two kinds of plants—one kind of vine or fern and one kind of flower. Plant vines liberally to obtain grace and beauty. Avoid plants which become overgrown or "leggy". Use white flowers freely in all close-to-the-house plantings as they harmonize with everything. Annuals grown from seed may be introduced with good effect as they make some of the most interesting flower boxes and there are many ways in which they may be used at small expense and very little labor by the amateur. Try



to select plants for succession of bloom throughout the entire summer. It is a very easy matter to transfer most winter potted plants to the boxes if you so desire.

The front of the box should be planted first as it is the most important. All vines should go in the front—and be sure to have plenty to soften the sharp outlines of the box. Then fill in the back of the box with taller plants, and last of all fill in the center with the lower, bushier plants. The distance apart is determined by the size of the tops in maturity. The mature tops should almost touch and the whole planting should form a mass and yet should not be crowded. After the plants are planted, soil should be carefully filled in around them to within an inch of the top—making the surface as level as possible. Finish with a good heavy watering that will moisten the soil to the very bottom of the box. Do not set the newly trans-

(Continued on page 130)



This flagpole (Type A) while it is designed for a waterside situation, might well be used anywhere, for it has the virtues of simplicity and gracefulness which go with the marine tradition

The bench below (Type A) is for a permanent position. The seat is a slab of smoothly finished concrete, and the supports, with their bottom course of molded brick, are of brick on concrete base



Flexibility of size is one of the advantages of the bench below. (Type C). It can be made as long or as short as desired; and it is a fine combination of beauty and practical sturdiness





A light and comfortable bench is the one above, (Type B), beautifully proportioned and designed with simplicity of construction and inexpensiveness in mind

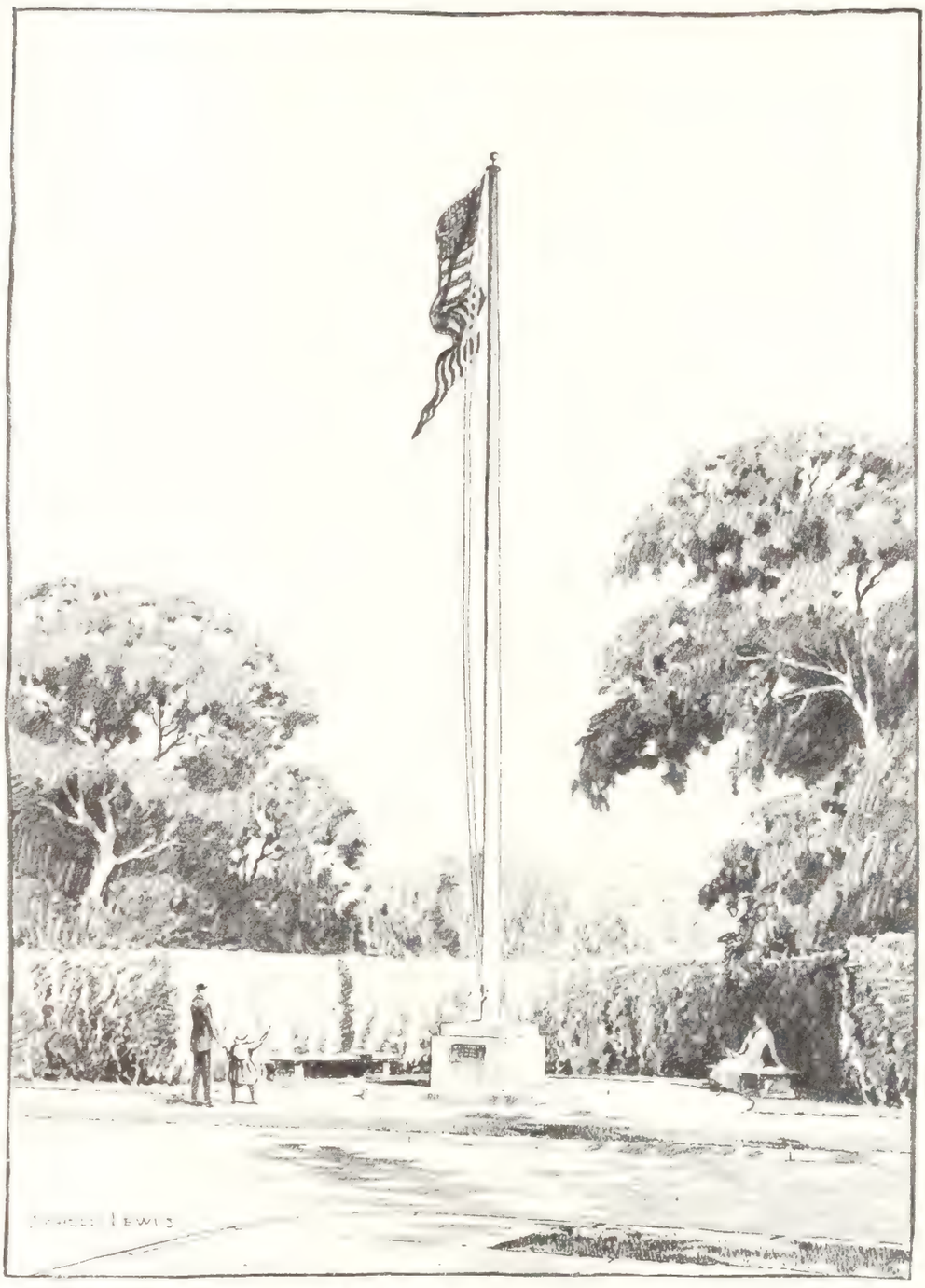
BENCHES AND FLAGPOLES FOR TOWN BETTERMENT

Last month designs were shown for Roadside Refreshment Booths; next month Gas Filling Stations will be shown, and each month thereafter some of the small architectural features of the community will be considered. A set of paper working drawings may be had for the asking by addressing the Town Betterment Editor, House & Garden, 19 West 44th St., New York City.

WELL designed benches can do more to improve the appearance of small parks and roadsides than almost any other feature. Small items in themselves they set the note of the whole situation for beauty if they are good, and for homeliness if they are bad. In small communities (or large, for that matter), where a space of any sort is to be made effective, it is possible to achieve the desired result in many instances by nothing more than some well placed benches and some appropriate planting. Then, instead of using benches of commonplace character, it is necessary to use some which have distinction; otherwise the appearance of the spot will be nothing to lift it above its surroundings.

The same thing applies to flag poles

(*Continued on page* 148)



The flag pole (Type B) is more formal and should be given an appropriate setting. Its base can easily be constructed of concrete, and a bronze plaque would make of it a dignified memorial. Reproductions of working drawings are shown on page 148



A bench such as the (Type D) will class that can be made of cast concrete and be used either in a formal situation or along a straight path to a park. The bench and flag poles were designed for House & Garden by Robbins L. Conn, architect

THE THOROUGHBRED OF THE WOODS

Walnut Ranks Among the Aristocrats Both for Furniture and for the Finishing of Rooms

SAMUEL J. RECORD

WALNUT is one of the finest cabinet woods in the world. It has stood the test of time. Trace its use back through the centuries, and it will be found a medium of expression for what successive periods have considered most beautiful and worthy in furniture design. As one lover of the wood phrases it, "from the massiveness of the Flemish, the elegance of Italian and French, and the balanced beauty of the 18th Century English, walnut, by its inherent qualities, has been the one cabinet wood that fulfilled all demands."

To belong to the cabinet-wood aristocracy, a wood must possess a high order of natural beauty of grain, color and luster; it must be of a consistency and texture that yields readily to the workman's tools; it must have strength and durability without excessive hardness or objectionable constituent; it must be able to retain its manufactured form and be comparatively inert to the changes of time and temperature and humidity. If its influence is to be wide and enduring, there must, of course, be a continual and suitable supply of the timber available. Of the thousands of woods in existence, the number of those meeting all of these exacting requirements is exceedingly small. But however restricted the list, it is incomplete if it does not embrace walnut.

The three standard furniture woods are mahogany, walnut, and oak. They cannot be assigned a definite rank because each has a place which the other cannot adequately fill. All three are splendid woods and a choice must be made on another basis than the quality of the material itself. It is much like trying to decide which color of the spectrum is best; it all depends upon its particular application. Each of the woods makes its distinctive appeal. With mahogany one usually associates luxuriance! with oak, sturdiness and strength; with walnut, gentility. And yet there is no lack of sturdiness in walnut, and some of it is luxuriant and ornate enough; in general, though, its tones are soft and warm and one gets the effect of quiet dignity. It is a wood of charm and congeniality, that invites close acquaintance and gives pride in possession. It is very properly an "heirloom" wood.

But there is a difference in walnut. The trees growing in different parts of the world somehow reflect the local conditions of soil and site and sun in the cellular patterns of their woods. The Circassian walnut is noted for its figure, the peculiar tracery of dark pigments like veins in marble. That which is highly ornate is suited best for small panels—pictures in plain frames—for if used injudiciously, the effect is disquieting. Circassian walnut is not the name of a species, for the species that produces it is the same that produces the walnut of Italy and France and England, and that yields the so-called English walnuts of the trade.

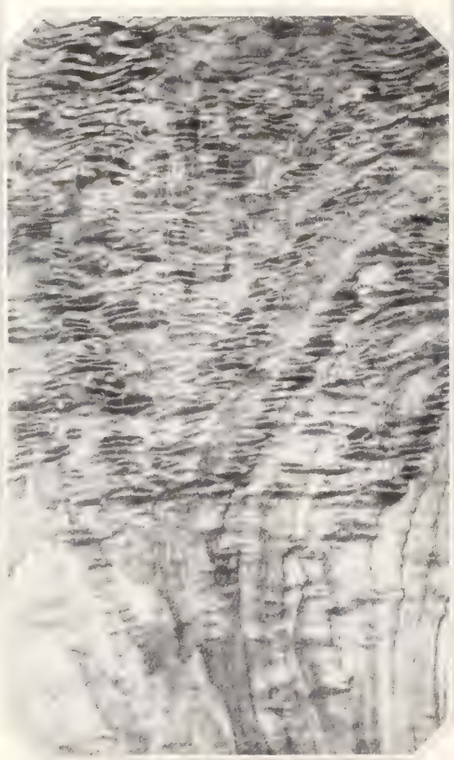
The original home of this Old World

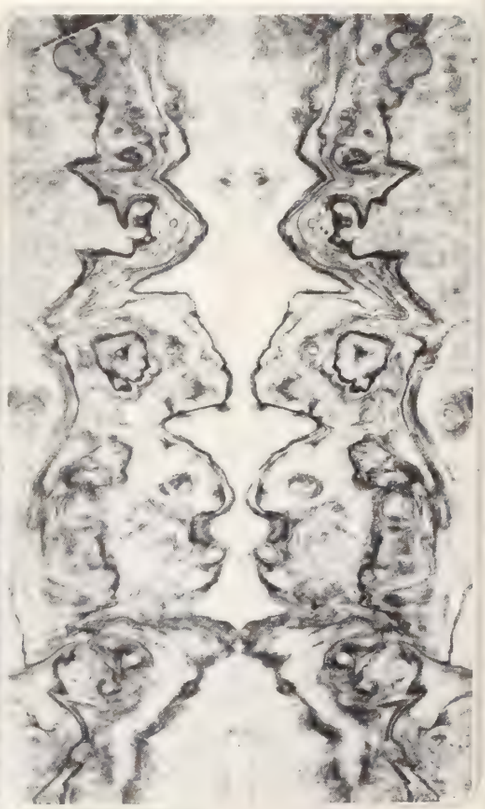
(*Continued on page* 110)



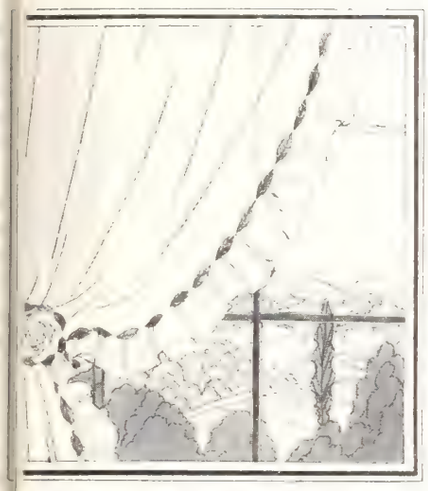
This four-piece matched panel is of ordinary, rotary-cutwood. When matched the sections produce an unusual effect of form and color. From the Penrod Walnut and Veneer Co.

(Below) Figured stump wood is found near the junction of large limbs and in heavy crotches as well as in the flare of stumps. The fibres are contorted and crinkled and the color deeper. From the American Walnut Manufacturers' Association





A fancy Circassian walnut panel in the collection of the Yale University Forestry School. This type is noted for its figuring. The tracery of the dark pigments is like veins in marble

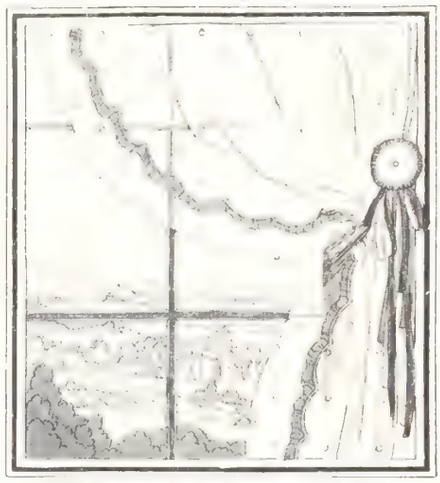


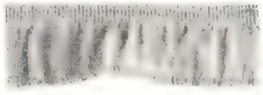


Very cool looking is the deep white organdie curtain above with its ruffled edge and trimmings of a decorative lace at the top



The gauze curtains over the sheer gauze glass curtains at the right consists of a box pleated taffeta ruche. This also made the tie-backs. Margery Sill Wickware



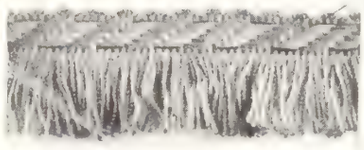


The yellow percale curtain above with its cool pattern of white dots is trimmed with green cotton braid with a scalloped design. Agnes Foster Wright

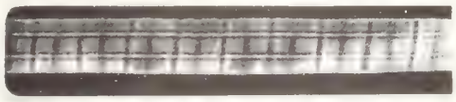
A smart trimming for chintz curtains consists of two bands of slightly ruffled plain glazed chintz in contrasting colors. Pinked edges. The Chintz Shop







The cotton braid above with its decorative looped edge would be effective on chintz or plain linen curtains





Narrow fringe with a heading in contrasting colors makes a pleasing finish for summer curtains

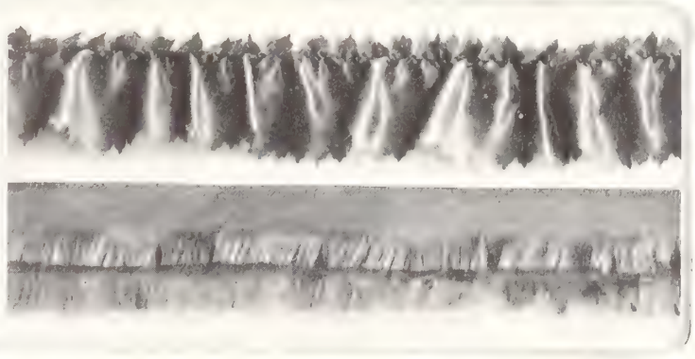
The gauze ribbon above comes in various color combinations with lines of floral [illegible]

Below are crisp tailored looking trimmings suitable for taffeta curtains. The top one is a single box pleated ruche and the band below is piped at the edge with three colors

TRIMMINGS

Below is a simple narrow taffeta ruffle pinked at both edges. The trimming below that is a band of taffeta fringed at both sides and folded over. From Margery Sill Wickware







The design of the attractive Swiss reed chair at the left was inspired by a Chinese Chippendale model. Enameled any color, $35.50



House Sewing or tea table with removable rattan basket and lid lined with painted lacquer red. 24 inches high, $15.00



Painted tin flower holder in black with design of old fashioned garden flowers. 10 inches wide, $18.00

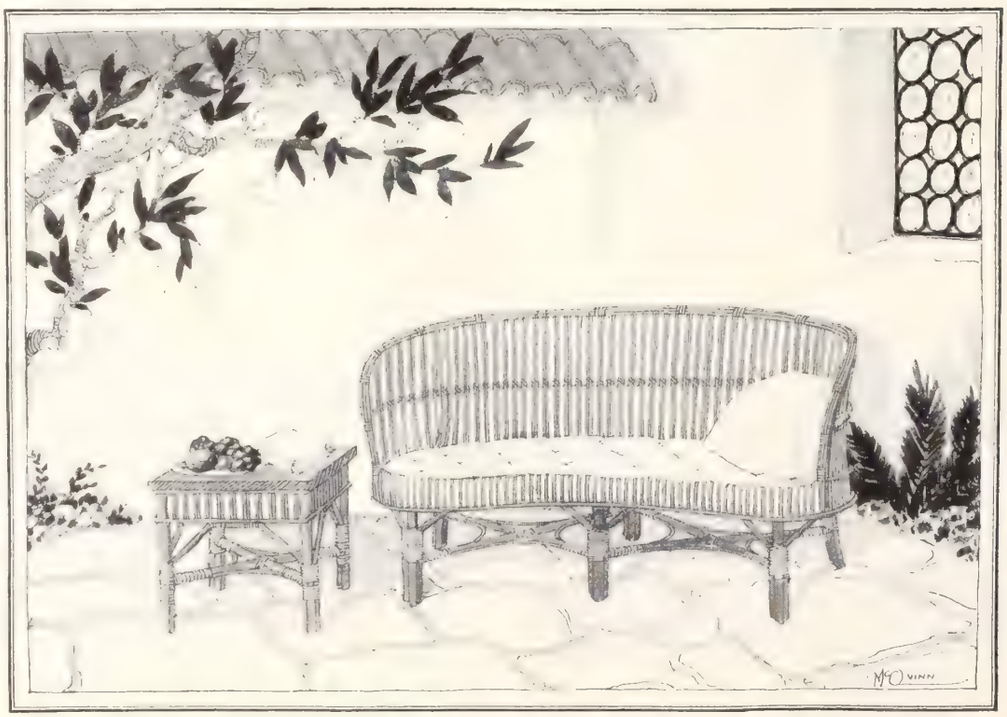
FURNITURE FOR PORCH AND TERRACE





Pillow at back, lined with contrasting tape. 29 x 14 inches, $14.50. The small pillows covered in gay quilted chintz in various colors are $5.50 each



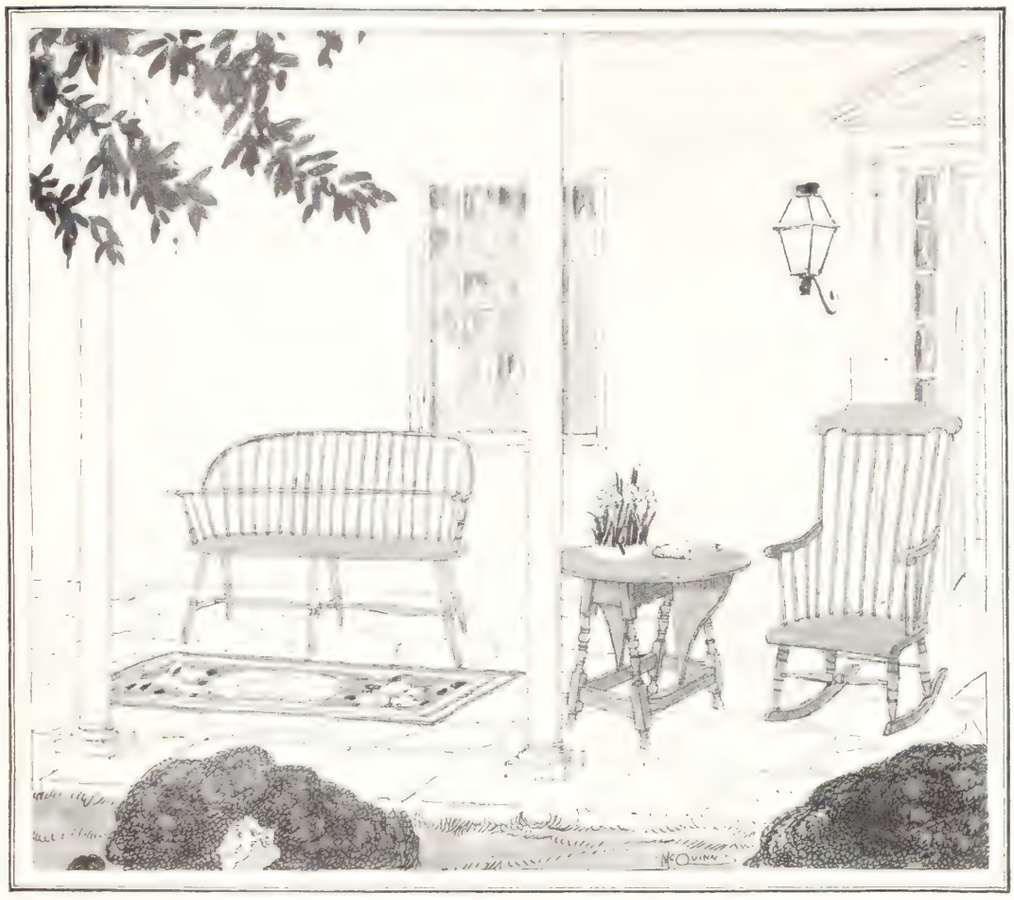


Above. A new chair for a porch, garden or terrace, has a wide, comfortable seat and commodious arms. It is of natural rattan in an interesting plaited design. The price is $30.50

All the articles on these two pages may be purchased through the House & Garden Shopping Service, 19 West 44th Street, New York City. A slight charge is included in the prices

Above. This small chair with its graceful curved lines would be charming in a garden, with a cushion of oil cloth or striped awning material. Unfinished it is $8.50. Stained, $9.25

At the left is a graceful, slightly curved settee of Swiss reed, 48 inches long. $45.50 unfinished, $48.50 stained. Cushion extra. The small stool, 17 inches high is $12.50 in the natural finish and $15.50 stained



For a porch furnished in the Colonial manner comes a Windsor settee, 55 inches long, $[illegible] stained, $[illegible] enameled any color. The Salem rocker is $18.50 stained, $20 enameled. Butterfly table, $[illegible] stained, $21.50 enameled. 25 inches high, top [illegible] inches open



Above. A long [illegible] chair in color to order, or un is made of Colonial reed rattan. Its light weight and damp-resisting qualities make it especially suitable for either terrace or garden use. It is 72 inches long and is priced at [illegible]



Chinese rattan furniture with its decorative black motifs is comfortable, practical and reasonably priced. The tiffin table above has a removable rattan tray. 28 inches high, 24 in diameter, $13. Chair, $20.50. Hour glass stool, 18 inches high, 13 wide, $9.75



Right. A [illegible] able chair of Swiss reed. The [illegible] deep. $38.75 unfinished. $41.75 stained. Cushion extra. Formosa fibre rug in natural color with brown stripe, 4 x 7 feet, $[illegible]

The GARDENER'S CALENDAR *for* MAY

This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country if for every one-hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 If the weather is settled warm vegetable crops, such as beans, limas, corn, squash pumpkins, okra, melons, etc., may be planted now.	2 The early sowing of vegetables must be properly thinned out; plants that are unduly crowded to come thin and spindly.
3 Potato sets sowing those crops that mature quickly such as spinach, peas, radishes, lettuce, etc. Frequent soakings bring sprouts.	4 It is unwise to postpone potato planting any longer. Potatoes are a cool crop and late plantings of them are rarely successful.	5 Crops that have should receive an application of nitrate of soda or some other strong fertilizing element in quickly available liquid form.	6 Tubbed plants of all kinds may be taken from their winter quarters and moved into place now and should be given liquid manure.	7 All the summer flowering bulbous plants may be set out now. To assure a continuous supply of gladioli, plant bi weekly.	8 Most annuals may be started out of doors now. Have the soil prepared far enough ahead so that it will pulverize when being worked.	9 The edges of walks flower beds, shrubbery borders, etc should be trimmed neatly with a turfing iron every three o four weeks.
10 Good lawns are the result of liberal fertilization and frequent mowing, the latter in some cases twice a week in growing weather.	11 Maple trees should be pruned just as the buds are bursting there is no danger of their bleeding. Paint the larger scars.	12 Carnations intended for forcing in the greenhouse next winter can now be planted out in the garden where growing conditions are good.	13 Now that the garden work is in full swing, invite yourself to get acquainted with the use of a wheel hoe either single or double.	14 Weed killers are very necessary in stone gutters, blue stone walks and drives, and other similar places where no growth is desired.	15 Just before the flowering season begins in the garden it is good practice to top-dress the beds with bone meal and rake it in.	16 Roses for flowering in the greenhouse next winter should be planted in the benches now in a rich, heavy soil.
17 Spray evergreen bushes, gooseberries, elms, cherries etc., with arsenate of lead for leaf beetles and caterpillars of various kinds.	18 Make a small seed bed for the accommodation of late cabbage, cauliflower, kale, Brussels sprouts, etc. should be sown.	19 It is unwise to postpone the sowing of farm crops any longer. Mangles, sugar beets, carrots, turnips, etc may be put in.	20 A barrel of liquid manure in some convenient corner of the garden will be a valuable accessory for treating weak plants that need forcing.	21 Leaf-eating insects will also soon be working in the garden. For them a poison spray on the foliage is the thing to use.	22 Do not neglect to keep up succession sowings of corn, beans, spinach, peas, radishes, lettuce, beets, carrots, cucumber, and turnips.	23 Keep the tall flowers supported with individual stakes, the grass edges clipped, and remove old stalks from the bed.
24 Do [illegible] be planted out now in holes setting the plants several inches below grade to allow for filling in soil as they grow.	25 If the weather is dry you will be troubled with attacks of green fly and other plant lice. Spray for them with tobacco solution.	26 When fruit trees are in bloom they should be well sprayed with a combination of Bordeaux mixture and arsenate of lead.	27 Keep the ground between the potatoes constantly stirred. If any potato beetles are in evidence, spray with arsenate of lead.	28 If the weather appears settled, the bedding out of geraniums, cannas, salvia, coleus and other bedding plants may be safely started.	29 After flowering, the lilacs, syringas, deutzia, forsythia, spirea, snowball, pearl bush and other early shrubs should be pruned.	30 Winter celery may be sown now. Sow broadcast. When large enough to handle, dibble the little plants off into well prepared soil.
31 Formal evergreens and hedges should now be clipped. Hedge shears are the best tool to prevent any scars in the trees.						

Now the North wind ceases
The warm South-west awakes:
Swift fly the fleeces
Thick the blossom-flakes.

But now the North wind ceases,
The warm South wind awakes,
The heavens are out in fleeces,
And Earth's green banner shakes.

GEORGE MEREDITH





AUGUST E. BROOKER
The Garden Club of St. Louis has one of the two or three men presidents in the country



J. C. N. FORESTIER
A noted French landscape architect and the author of a recent splendid book: "Gardens"

MRS. CHARLES W. BOSWORTH
Mrs. Bosworth is president of the Cincinnati Garden Club, an unusually active organization

MRS. EDWARD GARRETT
The president of the Seattle Garden Club is one of the Coast's most enthusiastic amateurs



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THE beauty of Treasure Solid Silver lives on terms of intimacy where taste is given really high expression in the decoration of the modern home.

Based on the finest traditions of the past, this justly famed Treasure pattern, the William and Mary, gives delightful emphasis and fresh meaning to the charming designs of genuine antique furniture and furnishings and to their modern reproductions as well.

As an ultimate heirloom for the growing daughter or as a gift to the society bride or young matron could anything equal or surpass this superb Treasure Silver in either the William and Mary or the Adam pattern?

That jeweler who always has the best things to show you has these authentic period patterns in complete lines of flat and hollow ware.

[illegible] "Treasure" [illegible] William and Mary Style" — on request



...asure Sets, costing from $12[illegible] ...ome in serving [illegible] ...t to serve four, six, eight or ...e people. Treasure and the ...fferent plan under which ...rtment are fully described, ...h illustrations, in our booklet, ...lecting Silver for the Young ...de," which will be mailed ...ly at your request.

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Silversmiths — Creators of Distinctive Tableware

GREENFIELD — MASSACHUSETTS



THE CLOCK IS BOUDOIR No. 4

The foremost decorators of America are counseling their clients to make a lavish use of Seth Thomas Clocks. No other decorative feature can give the same note of animation and richness. Some opinions of noted specialists are reproduced on this page.

The clock on the dressing table is Boudoir No. 4. Like all Seth Thomas productions, the cabinet work is exquisite and the design eloquent of good taste that never palls.

It is 7½ inches high. Wood in two-tone effect. Swinging frame; gold dial. $20.00 Prices are 10% higher in the Far West; 30% higher in Canada.

IN YOUR BOUDOIR ONE LIVING TOUCH

"True beauty dwells in deep retreats," wrote Wordsworth. In a feverish world milady has one retreat wherein she may enjoy the solace of solitude and a deep breath of beauty—her boudoir.

No one to look but the looking glass; no stir of life save the discreet Seth Thomas Clock.

There must be no jarring note, nothing unlovely to break the spell. So there are Seth Thomas boudoir creations as feminine as French lingerie, as dainty as Tanagra figurines.

And if madame in practising the rites of beauty forgets the flight of time—the golden dialed Seth Thomas tactfully recalls engagements for theater, tea or tennis. Like the mirror, it tells the truth.

For Wedding Gifts

A wedding gift is supposed to contribute something to the new home. A Seth Thomas contributes beauty and usefulness, and is graceful evidence of your good taste and good wishes.

Prices range from $5 to $120, and every first-rate jeweler will be proud to show you his Seth Thomas stock

Plainly marked at standard low prices in jewelry stores

SETH THOMAS CLOCKS



COMAX

Mahogany case. Silvered dial. 8-day movement. Base, 8 inches; height, 4 inches. $11

Very modern expressions of Seth Thomas designing that has been famous for a century.

Chandler W. Ireland

[Chandler W. Ireland]



EDEN

Solid mahogany inlaid case. 8-day, 7-jewel movement. 4½ inches high. $25

Seth Thomas craftsmen capture the spirit of each generation. These clocks are added proof.

PETITE No. 1

Beveled wood rim in contrasting tone Gold dial. 4 inches high. $7.50

From the quaint old shelf clocks to these dainty models, Seth Thomas Clocks have always been exquisite.

Chamberlin Dodds

[Chamberlin Dodds]



Lenore Wheeler Williams

[Lenore Wheeler Williams]

THOROUGHBRED OF THE WOOD

(*Continued from page* 104)

walnut is Persia, the country which has also given us the Apricot and the Peach. The distribution of the tree from there is man's tribute to the excellence of its fruit, the source of a rich and nourishing food. Orchards of this tree were cultivated in the days of King Solomon. The early Greeks grew it and they called it Persicon and Basilicon—the Persian and the royal nut. The Romans got it from the Greeks, Vittelius being credited with its introduction. Upon it they bestowed the name Juglans, now the scientific term for the Walnut genus, because it was the acorn or mast of Jupiter, far outranking that of the Beech and the Oak and even of the Chestnut. They dedicated the tree to Diana and festivals of that goddess were held beneath its shade. When the Romans went to England they extended the range of the tree to that country.

ANTIQUITY AND ORIGIN

The walnut furniture of Italy, France and England came from planted trees, domesticated or semi-domesticated fruit trees. The value of the wood was recognized from earliest times and Pliny tells us that tables of it were sold in Rome for fabulous prices, but the incentive for planting and growing the trees was in their food rather than their timber value. It was largely incidental that trees propagated primarily for their nuts should in their maturity supply wood for the master craftsmen and artists of the Renaissance and succeeding periods. The same forces are working today to preserve to posterity in America its heritage of walnut. The tree has largely disappeared from our forests, but newer generations of it have found a permanent place on the farms throughout the eastern half of the United States. A nut tree, a shade tree, a timber tree, easy to grow and free from disease, it everywhere commands respect.

When the war brought its enormous demand for walnut for gunstocks and airplane propellers, there was a very general impression that it would be difficult to obtain an adequate amount of the timber in the sizes required. It was soon demonstrated that there was walnut enough and to spare; widely scattered, to be sure, but quickly available when needed. Those trees and the ones now growing on the farms were more readily accessible than if they had remained in the forest. The American walnut of the future will come from semi-domesticated trees as it has for centuries in Europe and the supply, though limited, will not fail.

STRONG AND RESILIENT

The wartime uses of walnut attest its quality. Materials for either gunstocks or propellers must be strong and resilient, capable of machining with exactness and receiving a very smooth finish, and it must hold its manufactured form under very trying conditions of service. Other woods have been found satisfactory for propellers, especially mahogany and oak, but walnut has no serious competitor in the case of gunstocks. It also seems to combine the essential properties in just the right way.

But why, you may ask, if walnut is such a paragon of wood virtue did it lose caste in America for a time? One speaks of walnut having come back, but why did it go out? There are various considerations involved in the answers to these questions. It is partly due to the periodic changes in furniture which have little to do with intrinsic merit of the material of construction. The changes in styles are more rapid and more noticeable than are the changes in the actual woods used. This is true because the former changes are the more readily made and are more practicable; good furniture woods are decidedly limited in number, especially those which can be had in quantity. Of course, in the manufacture of certain styles of furniture a certain wood is essentially proper and should be used, but there have been times when the styles indicated walnut and the manufacturers used other woods. This was due to the feeling that walnut was becoming extinct, a feeling actively fostered by the promoters of other woods. There was such a good market in Europe for American walnut both for furniture and gunstocks that the producers were inclined to neglect the domestic trade. There were signs of a change before the war and the curtailing of the foreign trade later hastened it. Moreover, in getting out the millions of gunstocks needed by our army there was an enormous accumulation of lumber not required for purposes of war. This stimulated the producers, who set about to restore walnut to its rightful place, and they have proceeded in a highly intelligent manner.

REGARDING BEAUTY

There were prejudices to overcome in the abuse of the wood in the past. Walnut had become associated in the public mind with dull black furniture in highly ornate designs. The natural beauty of the wood had been covered up and lost under dark stains and heavy finishes. New methods of treatment have overcome these faults and it is a revelation to discover how beautiful American walnut really is when it can be seen. There is beauty in the grain, in the tawny browns of the color, and in the glowing luster. One of the characteristics of the finest cabinet woods is the sub-surface luster, as distinguished from superficial gloss, that flashes and changes with the lighting in kaleidoscopic effect. This is something that a wood must have innate, it cannot be imparted artificially or reproduced in imitations, but it can very easily be covered up and lost. It is the soul or life of woods, the source of their infinite variation wherein lies so much of their charm. Walnut possesses a natural brown color, that is deep, warm, and permanent. This makes it a usable material, because dents and scratches do not break through the surface into a different colored wood beneath.

The walnut tree, though one of the

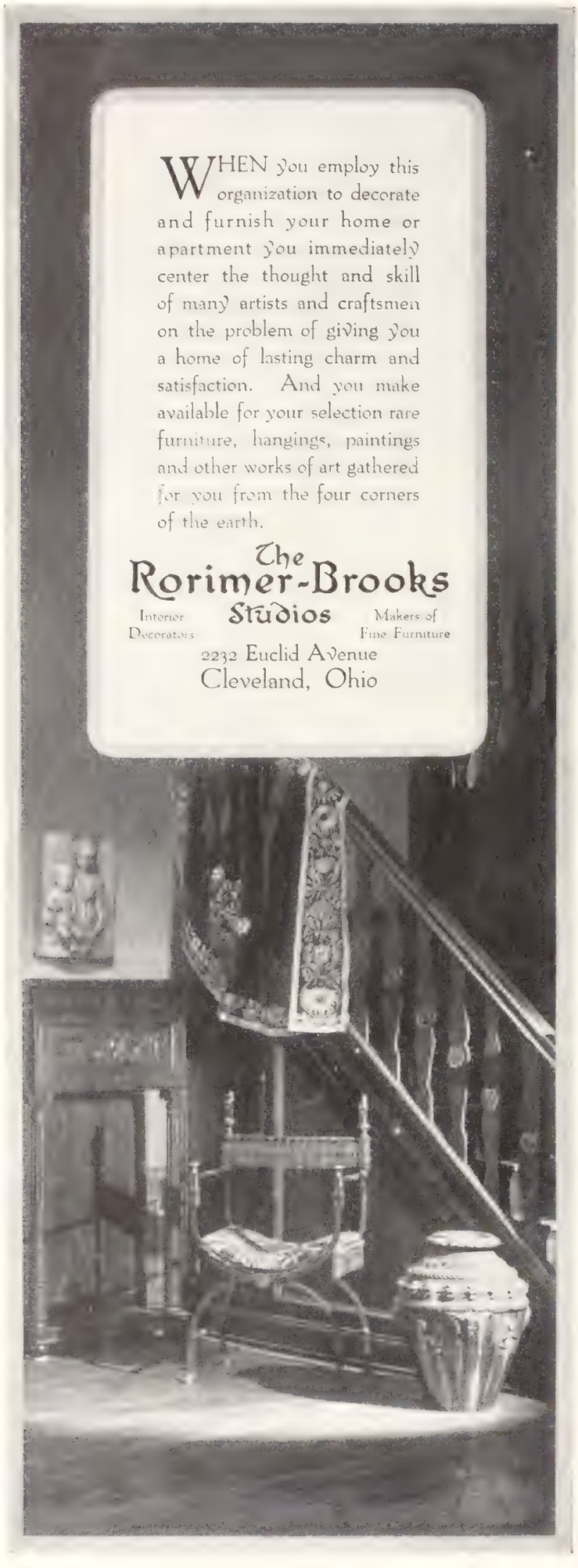
(*Continued on page* 112)



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antique and modern furniture
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THOROUGHBRED OF THE WOOD

(Continued from page 110)

giants of the forest, shows its fruit tree character when grown in the open. From the forest-grown trunks comes the wide lumber usually straight of grain, while those in the open are likely to have the most figure. Near the junction of large limbs and in the heavy crotches, as well as in the flare of the stumps, the fibers and pores of the wood are contorted and crinkled into irregular patterns and designs under the enormous pressure of growth. Usually, too, in such places there are more liberal deposits of pigment which add to the figured effect. The buyers of walnut make a specialty of selecting these crotches and stumps, cutting them into thin veneers to be used eventually in building up into beautiful panels.

WHAT BURLS ARE

Burls are another source of figured wood. These oddities of Nature are abnormal growths or excrescences common in some degree to almost every species of tree, though only in comparatively few instances are they of merchantable size and quality. They may arise anywhere on a tree, but the burls of greatest value are at the root collars, usually just below the surface of the ground, and are commonly shaped like a turnip. They are the result of some pathological condition which stimulates the growth of dormant buds or causes many new ones to arise which cannot, because of their crowded condition, develop into real branches, but do form a gnarly and interwoven mass of dense woody tissue of very intricate structure. Inside the bark the surface of a burl is covered with spines where the buds emerge, just the opposite of the condition one finds in bird's-eye maple. In the center of each bud is a small cylinder of pith and about it a mound of wood, so that when veneers are cut and matched, little imagination is required to see in the panels all sorts of animal faces with buds for eyes and contorted wood for their faces and bodies. An occasional walnut tree is found that is curly-grained throughout. Such logs are highly prized and are in great demand for fancy gunstocks and panel veneers. Experiments are being made with scions of such trees grafted on seedling stock in the hope that figured walnut may be deliberately grown rather than left to chance.

The thinnest veneers give the superficial effects of the solid wood and there is the same depth of luster and the same play of lights and shadows. The use of veneers makes it possi to utilize figured wood where it w show, and after all that is the o logical place for it. Where stren is desired straight-grained wood is best. Veneering is not a modern vention of the makers of cheap fur ture. It is as old as the Pharoa as veneered coffins from old Egypt tombs will show. Caesar's proud possession was a table, handsom veneered. Veneering is as ancient man's appreciation of the beauty wood. It was brought into disrep because it was poorly done, the glu was unsatisfactory. Here again we indebted to the war for an unexpect service, for the manufacturers of pl wood for airplanes developed glues such a state of perfection that t joints were stronger than the wood self and as resistant to the elemen For large surfaces, such as table to head and foot boards of beds, fro and sides of buffets, dressers and wa robes, walnut plywood panels a largely used. Plywood is composed an odd number of veneers glued t gether so that the grain of one lay is at right angles to the next, th affording great stiffness and streng at the same time being light in weig By the use of plywood panels, fur ture may be made substantial witho being massive, and figured materi can be used for the surfaces at mu less cost than that of solid wood.

SOLIDS AND VENEERS

There are various kinds of waln furniture in the trade and these ha been classified by the manufacture for the protection of the buyer. "Sol walnut throughout" is what the na implies, but "solid walnut exterio permits the use of veneers or oth suitable woods for the unexposed po tions and interiors. "Walnut throug out" admits walnut plywood but n other wood, while "walnut exterior admits walnut plywood for expose surfaces and other suitable woods f the interior and unexposed parts. Th so-called "combination walnut" h walnut face panels only on the large surfaces, the entire frame consistin of some other wood finished to r semble walnut; this is not strictl walnut furniture and should not b sold as such. It is usually not difficul for anyone to detect "combinatio walnut" furniture, for they can sens the difference between the wood of th panels and the frames even if the can not explain why. That is becaus walnut is a thoroughbred amon woods.





"SONGS OF OTHER YEARS"
Painted by Leighton

P & G

Who plays these songs for you?

Annie Laurie The Last Rose of Summer Swanee River
Love's Old Sweet Song Carry Me Back to Old Virginny

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The Ampico may be had in only the following pianos, which have been known for generations as instruments of quality: The Knabe, the Chickering, the Mason & Hamlin, the Fischer, the Haines Bros., the Marshall & Wendell, the Franklin, and in Canada the Willis also. Note that the Knabe, the Chickering, and the Mason & Hamlin are three of the four great pianos in general use on the American concert stage.

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Rhapsodic F Sharp Minor—*Debussy*	DOHNÁNYI
Ballade A Flat—*Chopin*	LEVITZKI
Hungarian Gypsy Dances—*Tausig*	LHEVINNE
Caprice—*Paganini-Schumann*	MIROVITCH
Revolutionary Etude—*Chopin*	MÜNZ
Troika—*Tschaikowsky*	RACHMANINOFF
Valse Parisienne—*Lee S. Roberts*	ROBERTS
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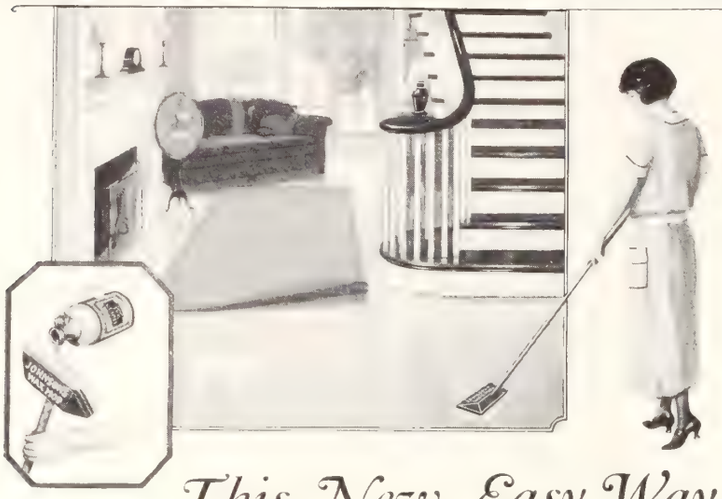
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"The Wood Finishing Authorities" (Canadian Factory: Brantford)

HONEYSUCKLE

(*Continued from page 90*)

bered. Like its relatives it does not like transplanting and resents severe pruning. It is one of those plants best left to indulge in its own peculiar whims. Native of central China, this Woodbine was one of the plants I was privileged to introduce into western gardens in 1900.

Deep yellow to orange-yellow and six inches long are the tubular flowers of *L. hildebrandtiana* from northern Burmah. This is a vigorous vine that will grow thirty feet tall and has large shining evergreen leaves and enormous flowers from ten to fifteen together in terminal heads. But alas! only those who garden in southern California and in Florida have any hope of growing this giant in outdoor gardens. It should be an acquisition to such gardens and those of Honolulu and Cuba. I have seen it flourishing at Ootacamund in southern India.

Hardier but needing a mild climate such as that round Santa Barbara in California is the Mediterranean Woodbine *L. etrusca*. It is a strong growing vine with fragrant blossoms produced twenty to forty together in stalked clusters at the ends of slender branchlets. The clusters are both terminal and axillary and so abundantly produced from late June onwards as to dower the plant in fragrant plumes. The flowers, each nearly two inches long, are slender at first yellowish suffused with red becoming clear yellow with age. Where the climate is to its liking it is perhaps the most gorgeously beautiful of its class. A hybrid of this and the Goat Woodbine *(L. caprifolium)* is *L. italica*. Like its parents this is a free-growing, floriferous vine. Often the terminal part of a flowering shoot branches and forms a panicled thyrse of flowers a foot long and eight inches through. Related to these and also somewhat tender is the well-named *L. splendida* which hails from Spain. This has similarly long tubular flowers but red-purple without, yellowish within and very glandular.

EVERGREEN TYPES

Beautiful and hardy is the native evergreen *L. sempervirens*, found wild as far north as Connecticut, with clustered, unscented blossoms, orange-scarlet outside and yellowish within. The leaves are a rich green and the color combination of its honey-laden flowers is exquisite. It has given much of its beauty to hybrid progeny one of which, *L. heckrottii*, is very hardy. From the middle of June until the early frosts appear this plant is in blossom. The flowers which are borne in clusters, are deep rose-color without and pale yellow within and though fragrant only in the evening they are very beautiful. The European Honeysuckles or Woodbines, *L. periclymenum* (of which there are several varieties one of which, var. *belgica*, known as the Dutch Honeysuckle, is continuous blooming), and *L. caprifolium* are or ought to be well-known favorites. Hall's semi-evergreen Honeysuckle *(L. japonica* var. *halliana)* with white changing to yellow fragrant flowers needs no comment and even more beautiful is var. *chinensis* with red-colored young shoots and leaves. The Chinese name for this is Chin-yin-hwa, i.e., Gold and S flower and is singularly appropr

For northern gardens there ar more beautiful shrubs than som the Bush Honeysuckles with myriads of yellow, white, red rose-colored flowers which in sun and early autumn are followe shining scarlet, crimson or ora colored fruits in their abund weighing down the branches. W planted in good soil and given pl of room many of these shrubs s their greatest beauty in the c parts of this country. An old fav is *L. tatarica*, the Tatarian Ho suckle, which with its various f and hybrids supplies gardens many handsome flowering and fru shrubs. Being a native of ce Asia where a rigorous climate pre it is a very hardy plant and flour even in the colder parts of Can A shrub of good habit with ascen and spreading branches, it will g twelve feet high and fifteen through if given a proper posi Of the many forms that with w flowers *(alba)* and another *(r* with rosy-red flowers are the be

OTHER BUSH FORMS

Handsome is the well-known *morrowii* which our gardens ow the early activities in Japan of Arnold Arboretum. This wide-spr ing shrub is seldom ten feet high is often twice as broad, flat and i cately branched, with gray-green age and a profusion of white ch ing to yellow flowers and sc berries. The fruits ripen in July remain brilliant on the branches early winter. Taller in habit but broad are *L. chrysantha* and *L. ri chtiana* both with yellow flowers lustrous crimson fruits. In ga these four species and the Eur *L. xylosteum* with wine-colored f have hybridized freely and have duced several plants of extreme ga value. Two of the best are *L. m vienis* and *L. bella* both vigo shrubs twelve feet high and through with arching, sprea branches weighted in July wit myriad clustered crimson fruits. other is *L. muendeniensis* with upright and spreading branches scarlet fruit. And whilst telling hybrids one must mention *L. mi flora* with translucent, pale ora colored fruits, one of the most lo of all Bush Honeysuckles.

The sturdy *L. maackii* with l milk-white flowers clustering the branches from base to tip is the h somest of its class. The type from northern Asia and its ripens and its leaves fall in Oct A variety from China *(podoca* which it was my good fortune to to our gardens, however, hold green leaves into December and i last to ripen its fruit. When n every other shrub is bare this corner stands out with its mantl green studded with red berries st and defiant. As this Chinese closes the Honeysuckle season w flourish so its countrymen *L. stan* and *L. fragrantissima* open it. Sca has spring dawned when these forth their white scented blo

(*Continued on page 116*)



The Packard Six Seven Passenger Sedan Limousine $2,885 at Detroit

"A TALE OF TWO CITIES"—OR A HUNDRED

THE average Packard Six owner expects to keep his car nearly three times as long as the car he traded in.

Records compiled during the last six months show that 90% of Packard owners expect to keep their cars three years or more—75% four years or more, and 60% five years or more.

Every seventh Packard Six owner expects to keep his car ten years.

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PACKARD



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HANDEL *Lamps*



If you are building a home or contemplate building, and your dealer is unable to show you Handel workmanship or drawings, it will be to your advantage to send your blueprints to The Handel Company for suggestions and prices on fixtures.

HONEYSUCKLES

(*Continued from page* 114)

from buds densely clustered on bare twigs and ere midsummer their red fruits are ripe.

A shower bouquet of gray and pink describes the charming Turkestan Honeysuckle (*L. korolkowii*). This is from six to eight feet high and more through, loose spreading and arching of singularly graceful habit with bright pink flowers in great abundance. The foliage is pale gray and the fruit red. Planted against a dark background this gray hued mist-like plant is fascinating. Very lovely too are its hybrids *L. amoena* and *L. arnoldiana* of smaller stature and more upright habit. All three, despite their delicate habit of growth, are perfectly hardy shrubs in New England.

With blue-black fruits, more like a Blueberry than a Honeysuckle, is *L. coerulea* which in its various forms is found wild throughout the boreal regions of the northern Hemisphere. This is a shrub of rounded habit, suckering freely and forming a tangled mass, the stems clothed with loose, scaling, pale-brown bark. Its flowers are relatively large, cream-colored, in pairs suggesting twin vases and are followed by more or less oval fruits. Being a circumpolar plant it flowers early and matures its fruit with great haste, the bushes being laden with ripe berries in June ere the Roses are in bloom. The fruit is luscious and attractive in appearance.

Distinct and curious are *L. involucrata* and *L. ledebouri*, two Bush Honeysuckles native of western North America. These are hardy shrubs, of erect habit, growing from five to eight feet high and broad and bear jet black fruits seated on large rather fleshy red-colored bracts. The flowers are tubular, about one and a half inches long, yellow in the first named, orange tinged with red in Ledebour's variety and are produced in pairs from the leaf axils. The reddish cushion develops as the fruit ripens and the shining black berries are in striking contrast. They are summer fruiting shrubs and often flowers and ripe fruits are found on the plant in July.

FROM SAGHALIEN

In August 1914 of sad and bitter memories I happened to be in southeast Saghalien and there on the coast of the Okhotsk Sea chanced upon a low shrub each twig clad with bluish green leaves and crowned with a cluster of coral-red fruit. The plants were scarcely two feet tall but more in width, of compact habit and I lost no time in harvesting a supply of seeds. It proved to be *L. chamissonii*, a Honeysuckle not known in cultivation. In the Arnold Arboretum seedlings have grown into nice plants and in 1924 for the first time began to fruit freely. Among the multi-colored fruits of the large genus Lonicera no other kind has such red-coral berries.

Without attempting to tell of more than a tithe of the good garden plants among Honeysuckles I may mention another newcomer of excellence this time from Korea. In 1917 on the Diamond Mountains I gathered some red fruits from a shrub four to five feet high with erect branches. The seeds vegetated freely in the Arnold Arboretum and we now have shapely plants a yard high. In 1923 they flowered sparingly and were identified as *L. maximowiczii* var. *sachalinensis*, a terrible name for a beautiful shrub. Last year the plants were densely laden with crimson flowers on long slender pendent stalks. The leaves as they unfold are bright red which adds to the attractiveness of this pleasing plant.

Charming gray shrubs are the twiggy wide-spreading *L. syringantha* and *L. thibetica* with axillary clustered Heliotrope-scented flowers. These are both hardy, intricately branching shrubs from five to eight feet tall or sometimes nearly prostrate in habit and bright red fruits. They produce flowers from midsummer until late fall but never make a large display. Moreover, the flowers are much hidden but their fragrance in the cool of morning and evening is delightful. They are much alike but the Thibetan plant is the smaller and has leaves shining green above with a dense white felt on the under surface.

EVERGREEN BUSH TYPES

Most of the Bush Honeysuckles lose their leaves in the fall but there are a few species that are evergreen. The most useful of these is the Box Honeysuckle (*L. nitida*) which I discovered and christened. In California it has already become valuable as a hedge plant and for this same purpose it should do good service in gardens south of Washington, D. C. It propagates readily by cuttings, grows rapidly and relishes trimming as heartily as does Box. It is a shrub growing five to eight feet tall with ascending main branches and a plethora of slender, rigid horizontally-spreading branchlets crowded with small roundish, shining, dark green leaves, and cream-colored, fragrant flowers followed by blue-purple fruit. The neat habit and appearance makes the plant worthy as a specimen bush but its supreme value is for quickly forming low, evergreen hedges. From the altitude where this species grows naturally in western China I had hoped it would have proved hardy in New England. In this I have been disappointed but its suitability as a hedge plant in milder climates is commensurate pleasure. A related species is *L. pileata* with larger foliage and horizontally spreading branches but with similar flowers and fruits. This plant hugs the ground and is well suited to rockeries. Though not properly hardy, with protection it has lived for a dozen years in the Arnold Arboretum.

As a final illustration of the all round usefulness of Honeysuckles in our gardens I may mention *L. prostrata*. This, as its name implies, is a trailing plant and it emits roots freely forming a dense mat and carpet. It has small yellow axillary flowers, orange-red fruit, deciduous foliage, is very hardy and is specially valuable for draping banks.



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Phlox subulata and perennial Candytuft, Iberis sempervirens, a lavender and white association suitable for the rockery

COLOR IN THE ROCK GARDE

(Continued from page 83)

rampageous spreaders against the little choice things that could not save themselves; nor to cover such small bulbs as the wild Crocuses or Muscaris with a blanket the thickness of *Arabis albida*. The warm lavender blossoms of *Crocus sieberi* come delightfully through the loose grey weave of *Androsace primuloides*, which later will wave a hundred pink umbrellas to hide the fading Crocus grass. The white Grape Hyacinth, *Muscari botrioides alba*, like cones of small seed pearls, is well placed among mats of mauve and purple-flowered Aubrietia.

All this is no gardener's dream, but a gay reality of all who follow the few rules. We do not, however, go about its attainment, especially if we are beginning gardeners in quite the usual way. It is curious, but a fact, that to bring lovely color into the rock garden we must first forget all about it and give our close attention to more practical matters.

It is clear, of course, that to achieve riotous color the plants must bloom their ardent best and that to do this they must be in perfect health. The health of the plants, then, is our first consideration. When we realize that the plants we gather together in rock garden hail from all parts the world, from all climates, altitu aspects, it is at once plain that chief preoccupation must be to produce for them as nearly as pos the conditions that surround then their homelands—the right soil, right aspect, the right amount moisture, lime or no lime, swee acid, and whether a windy heigh a sheltered nook is the sum of t desires. In short, we must *know* plants. Find out about them f books, by asking questions, by wri to nurseries, botanical gardens o any one who supposedly might kn When orders are sent in the spring early autumn for rock plants, k a copy and search out the necessi of every plant before it arrives order that we may have a conge spot ready for it marked with name. Thus only can we obviate health and speedy demise, thus o can we bring about that gay gracious color that is the birthri of every rock garden.

Consider also the plants in relat to the carefully modeled topograp

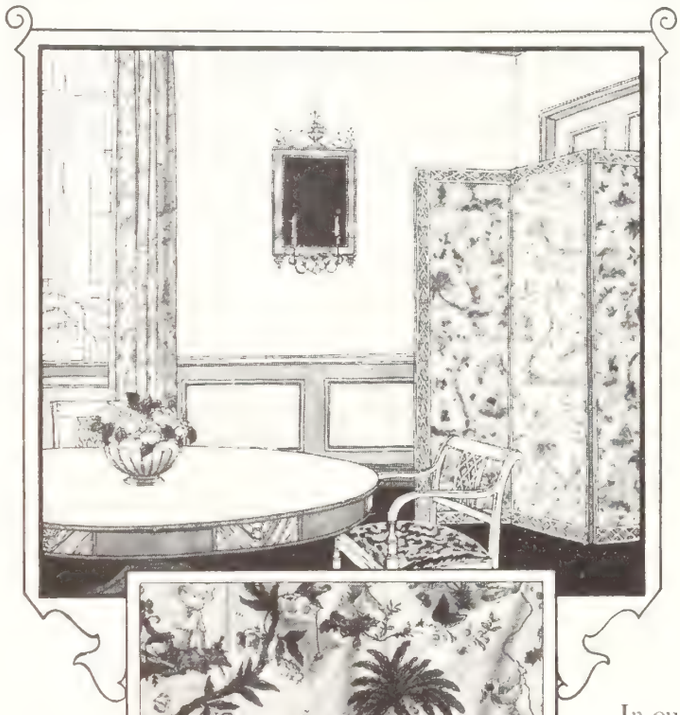
(Continued on page 122)



White Geranium and a small sea of blue Veronica prostrata, with a mat of Arabis foliage that has passed blooming. This combination is found in the author's garden

The Charm of the Storied East

IS IN THE DESIGN OF THIS FRENCH PRINT



opic palm trees in strange tor-us shapes

birds and insects darting by e flying jewels

quaintly garbed Persian folk playing bits of their strange ttery, or day-dreaming by the nks of a stream

the charming melange of fact and cy that runs across this print is lear picture of the naïveté with ich 17th Century Gallic eyes v the Far East.

To it the true French galanterie led a little "Temple de l'amour" capped the fantasy by hanging ve it the crescent of Turkey!

Four hundred years before, such tures of the East had first come m the lips of that intrepid medi-al traveller, Marco Polo, the first emissary m the West to draw aside the veil that l the mysterious East.

And in the 17th Century, when West again rneyed to East, the argosies of commerce urned freighted with strange and lovely phies. Among the most prized of these asures were the famous Eastern painted tons or chints.

The new and exotic beauty they portrayed stimulated the sensitive French imagination at there arose everywhere a high and pas-nate enthusiasm for "orientalia" and all nch arts and crafts took their inspiration m this new loveliness.

It was from paintings on the wood panels an 18th Century French boudoir that the tifs of this print were taken. The design, blues and greens, is shown on two back-unds—natural linen or a soft fawn.



The soft colorings and light, whimsical design make this print especially charming for use in the summer home

From the 17th Century imports of Eastern prints, both France and England have developed their characteristic cretonnes and chintzes

From the 17th Century imports of Eastern prints the genius of France and the genius of England each drew its own peculiar inspiration.

Perhaps one may generalize by saying that eager, humanistic France—the France which produced Balzac and revels in his close packed incident—seized upon the episodic in the Eastern print. England, with its hawthorne hedges and sweet-voiced birds, was drawn towards the flower and tree designs in the Eastern print. So, in the prints of England we find the floral trail of her beloved out-of-doors in many charming variations.

In our collection of prints it is fascinating to trace these two paths of development. You will see, in our Toiles de Jouy, brilliant historical events of classical episodes. Then in some of our other French prints imagination has full sway in allegorical, peasant or court scenes and quaint "Chinoiseries."

In our English prints there is many a charming variation on the floral theme—here it is the urn motif with its flowery patterns and there it is the floral serpentine design, or pillar chintzes heavily entwined with flowers. Others take the bold floral motifs of English crewels. In these, the Eastern Tree of Life design reappears constantly.

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Wamsutta Percale
after 160 launderings



Ordinary Sheeting
after 160 launderings

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Founded 1846

RIDLEY WATTS & CO. *Selling Agents*
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The KELLY FLEXIBLE CORD



The Peregrinations of the Pecks

After a delightful trip across country from Pinehurst the Pecks have arrived in St. Louis, where as the Pecks happen to be a landmark on the picturesque waterfront for June the gangplank is aide-de-camp to the mean Mississippi River steamboat to the affection of mayflies. The two young Pecks getting a classic education rather than a wonderful but expensive change of scene and adventure, transported with their parents could of course. Pre-Adolescent Pecks Enjoying the Trip Immensely.

THE KELLY FLEXIBLE CORD is the *only* tire in which the bead is built in as an integral part. Since it is this new Integral Bead construction that makes the flexibility possible, it follows that no tire built by the ordinary method can offer the same combination of mileage *and* comfort.

Rugged, dependable and easy-riding, here is indeed the best tire that even Kelly has ever built.

KELLY-SPRINGFIELD TIRES



The June Bride Selects Beautiful Linens

A SLIMMER SILHOUETTE crosses the McGibbon threshold. But her quest is the same, and as successful, as that of the demure betrothed of half a century ago who made her important choice of fine household Linens at McGibbon.

Years of experience in catering to the needs of newly established homes are back of McGibbon's reputation for Trousseau offerings unsurpassed in exquisite quality, beauty and real value.

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showing latest offerings in Quality Linens.

McGibbon & Co

3 West 37th Street ~ New York

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HOUSEHOLD LINEN | INTERIOR DECORATIONS | LACE CURTAINS



Campanula muralis Bavarica with the silver rosettes of Saxifraga McNabiana as a background. From the garden of Clarence W. Lown

COLOR IN THE ROCK GARDE

(Continued from page 118)

of the little landscape. Plant high on the heights to accentuate the difference in level, give to each declivity its graceful trailer, to each flat stone its moss-like creeper: give to each plant a position where it not only feels but looks at home. Nothing so adds to the reality of the little scene as this.

And now, having dutifully planted our rock garden with these practical matters in mind, and begun to look it over with a sharp eye for discordant notes, we find surprisingly few. Of course some magenta splendor may have run foul of a patch of scarlet poppies or the crude yellow of Alyssum saxatile be elbowing a group of choice pink Spanish Scillas, but on the whole there will be little to offend the most supersensitive eye. And for this reason: we have two factors of the utmost importance working for us in the interests of peace and harmony.

THE VALUE OF STONES

In the first place there are the stones, both great and small, soft-toned, neutral, thrusting a shoulder between angry contestants, separating or reconciling enemies, forming an inimitable background for flashing hues. Let no one underrate the value of the stones. Many of them are very beautiful in themselves and take their places in the general scheme with as much significance as the plants or shrubs. The Japanese pay great sums for beautiful stones to adorn their gardens, and there are unalterable rules for their employment. There is a chapter entitled "Garden Stones" in Mrs. Basil Taylor's "Japanese Gardens" which would be of great interest and assistance to all who propose to make stones the basis of a garden.

And then there is the markedly beautiful foliage contributed by many of the plants. Some rock plants, it is true, when they have done their gorgeous bit lapse into obscurity, and might be mistaken for meek little weeds. But a great number, if they had no blossoms at all to give us, would still be of the highest value because of the broad mats and mounds, trails and little bushes of soft-toned lasting foliage they provide—grey, silver, hoary, bronze, blue-green, which like the stones, act as mediators in this region of many and brilliant hues.

Some of the most useful are the following:

Arabis albida
Arabis albida fl. pl.
Alyssum saxatile
Aubrietia, many vars.
Anthemis montana
Artemisa frigida
Achillea serbica
Antemtaria dioica
Cerastium tomentosum
Helianthemums in var.
Nepeta mussini
Dianthus caesius
Dianthus arenarius
Lavender, Dwarf.
Phlox subulata, G. F. Wilson
Sedum album
Sedum Sieboldii
Santolina incana
Sempervivums in var.
Thymus lanuginosus
Thymus serpyllum albus
Gypsophila repens.

These are all strong-growing pl and are best kept out of the wa the small choice inhabitants of rock garden. For these also have t pacifists, the silvery Saxifrages, grey rosetted Androsaces, small Ac leas and the like. It is easy enoug give to each type a region of its o

But despite all the help we rec from the plants themselves and stones, when we have become fami with the needs of our charges, t is infinite delight in taking a h in the gay business ourselves—p ing to the best advantage those sc of "incredible rose-scarlet", of orange, piercing blue; reconciling uncompromising red blooms to t surroundings, soothing some mag beauty until all admire it. The sibilities are infinite as all will ognize who own a rock garden.

SUMMER COLORS

The great riot of color is over the rock garden by the end of Ju but July brings many Campanu Hypericums, Oenotheras, Alliu Gentians, and more. There is no l of color in the July rock garden has simply toned down. Dur August and September, though, flowers belonging exclusively to t months have grown fewer, many the earlier bloomers have experien a fresh impetus and bloom again, riotously, but with heart enough insure snatches of color here and t over the garden. Some of these tinue until hard frost—Poppies, las, Aubrietias, Alpine Daisies,

(Continued on page 124)

THE keynote of your room is the rug which covers the floor. The BENGAL-ORIENTAL is the only rug with the spirit and appearance of a fine Oriental, and the only rug that can be used in conjunction with Oriental rugs or as a substitute for them.





A BENGAL-ORIENTAL

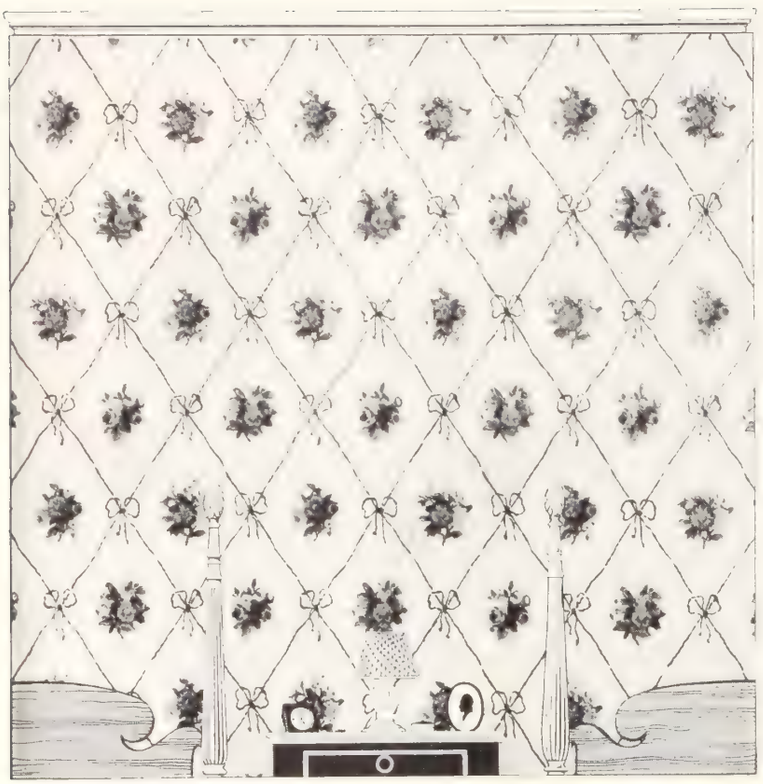
ALL rugs of quality are designed and colored in the image of the Oriental, but there the resemblance usually ends. The only rug that brings to your home the complete atmosphere of the hand woven rug—design, coloring, surface texture and the slight irregularities of weave so characteristic—is the Bengal. Truly, the finer, more subtle qualities of the Oriental rug have been woven into the Bengal-Oriental fabric—its modern sister. The quality stores in your community will secure these rugs for you. The price does not exceed $180 for 9x12 size.

Our consulting decorative department is conducted solely for you. We will gladly help you select the most harmonious rug, and the size best suited, for the room you are planning to refurnish. Send us details—size of rooms and predominating colors in the furnishings, and photographs of Bengal rugs in color will be sent to you. "Backgrounds of Oriental Beauty"—the story of the Bengal-Oriental rug—written by Alice Van Leer Carrick in her incomparable and most engaging manner, is delightful reading. A copy will be mailed to you upon request.

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Living Room			
Dining Room			
Bed Room			

Name

Address City State

COLOR IN THE ROCK GARDEN

(Continued from page 122)

little yellow Fumatory (*Corydalis lutea*) can scarce endure to be put to bed. In December I have gathered Christmas Roses, Primroses, and the brilliant yellow *Crocus stellimus*, native of Syria and Palestine.

And, of course, besides the flowers themselves there are the numerous little shrubs, both deciduous and evergreen, that lend themselves to the color grouping most delightfully. Many have blue-green foliage, some contribute brilliant berries, others grey or scarlet foliage. But of these more will be said in a later paper.

As I have before said the changes that may be rung upon the color associations are infinite. But we must not forget nor ignore these few fundamentals:

1. Know the needs of each plant and give it the proper physical surroundings.
2. Plant to accent or soften the topography of the little landscape.
3. Plant strong-growing, spreaders in the rougher parts of the rock garden, leaving the choicer regions for the small and fragile treasures.
4. Appreciate your stones and use them to the best advantage.

TEN MONTHS OF BLOOM

Naturally we want our rock gardens to come to life as early as possible after the turn of the year, and to continue blossoming until the latest possible moment. The few following suggestions out of the many hundreds that are possible will keep a New York rock garden in bloom for ten months of the year, sometimes more, and should take a Philadelphia garden right round the calendar, save in long periods of heavy snow.

For a first picture set a clump of Christmas Roses (*Heleborus niger*) in deep soil in a sheltered position, and near it a closely planted handful of Snowdrops, a drift of *Crocus imperati* (mauve) and a patch of Winter Aconites (*Eranthis hyemalis*). In Philadelphia these will blossom in February, in New York probably not until March.

For slightly later blossoming several clumps of *Adonis Amurensis* with wide yellow blossoms, may be surrounded by *Crocus Sieberi*, (a lavender and yellow picture.)

Leucojum vernum and the porcelain blue Dutch Crocus Maximilian are a fine association in blue, green and glistening white.

Pulmonaria azurea near *Arabis albida* —azure, grey and white.

Arabi albida rosea and *Scilla siberica* —pink and blue.

Primula acaulis (yellow English Primrose) with patches of *Hyacinthus azureus* near by. Blue and yellow and very gay.

Breadths of *Viola gracilis* near drifts of Narcissus W. P. Milner, (purple and yellow).

Tulipa praestans, high, thin scarlet against the dark foliage of dwarf yew.

Tulipa sylvestris, and Muscari Heavenly Blue planted behind and about a drift of Foamflower (*Tiarella cordifolia*) Yellow, blue and cream.

Alyssum saxatile citrinum and *Phlox subulata*, G. F. Wilson. Lavender and pale yellow.

Anchusa myosotidiflora with *Alyssum saxatile*—Bright blue and bright yellow.

Iris the Bride, grey-white, with the burning orange blossoms of *Cheiranthus allioni*.

Sky-blue *Linum alpinum* back of a colony of alpine Poppies, scarlet, white, yellow. A lovely effect. Or you may put the Flax near by a spreading bit of pink-flowered *Androsace Chumbyi*.

Silene pennsylvanica, a native wild flower, with the graceful wands of the English Bluebell, *Scilla festalis* arising among its pink flowers.

Anthemis montana with creamy blossoms and fine grey foliage is a fine neighbor for *Geum Borisii* whose blossoms are orange-red.

Tumbling masses of blue *Geranium grandiflorum* backed by tall long spurred Columbines in white.

The Thibet Poppy in front of white flowered Helianthemums with their hoary foliage.

The brilliant rose-pink blossoms of *Dianthus neglectus* are lovely with a mat of purple-flowered *Campanula muralis* near by.

Veronica prostrata with its masses of bright blue flower-spikes may be allowed to mingle with the white flowered Maiden Pink, *Dianthus deltoides*. Both strong growers.

Allium Moly, the Spanish Onion, and Star of Bethlehem are two summer bulbous plants that appear well together in a partially shaded place.

Gypsophila repens, the creeping Chalk plant, with its many white flowers and grey foliage, makes a delightful mat for the wiry, purple-flowered *Calamintha alpina* to tumble over.

No better setting can be found for our native Bluebell, *Campanula rotundifolia*, than a shaded corner among small ferns.

Silene Schafta, *Oenothera caespitosa* and *Ceratostigma plumbaginoides* are three graces of the late summer and autumn, bright pink, pure white, gentian blue. They blossom for a long time.

Geranium Wallichianum, mauve flowers and reddening leaves climbing over a small evergreen.

Sedum sieboldii with the charming autumn *Crocus speciosus*.







REMINDFUL of the brave days when straining tea fleets raced home from the long China voyage, is this group in selected American maple. In many a New England homestead of that day stood such inheritance from stern Pilgrim forebears. All America is now heir to these gallant traditions.

The "Cranston" Suite shown, couples with its quaint charm a rare adaptability. Whether for sunroom or hall, for a splash of color in the living room, or, added to a maple gate leg table delightfully to furnish a dining place, these pieces are thoroughly appropriate.

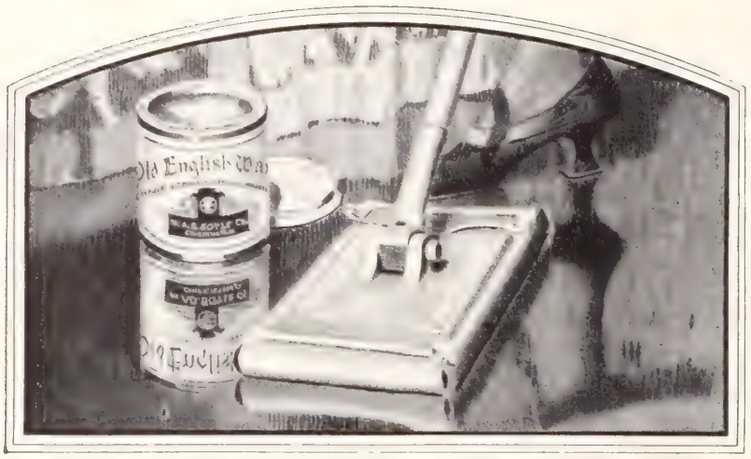
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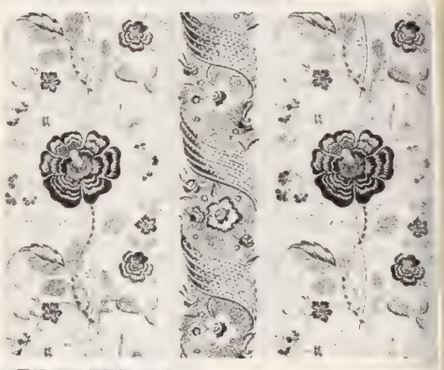
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Above. The design of this new Directoire glazed chintz is in deep pink, tan, blue and dark green on either a yellow, peach, or green ground. 31 inches, $5.50





Above. Glazed percale with cream ground and effective column and flower design in red, green and tête de nègre. 50 inches wide, $7.70

Left. Glazed chintz for curtains or slip covers. Prune ground and hollyhocks in rose, gold, blue and green. 50 inches wide, $7 a yard

At the right is a lovely semi-glazed chintz with a peach colored ground and a decorative pattern of clustered roses and leaves in ivory, pink, deep rose, yellow, green and a little blue. 50 inches wide, $11

MORE NEW CHINTZES





Glazed chintz with Della Robbia design in yellow and green on a white ground. Blue and gray border. 25 inches, $5

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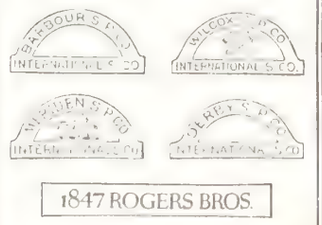


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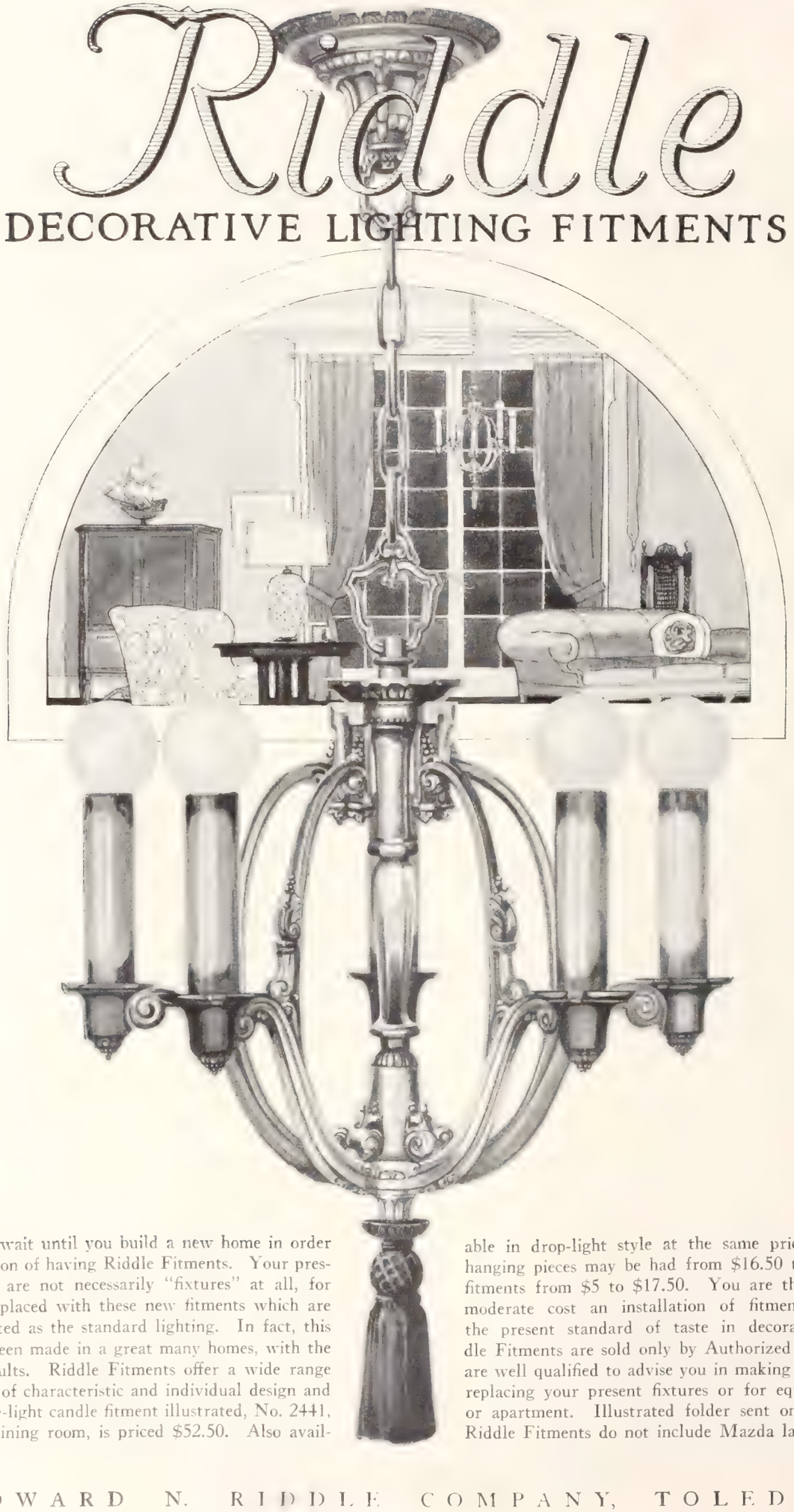
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PLANT-BOX GARDENING

(Continued from page 101)

planted box in the strong light for a few days.

Porch and window box plants should be watered daily, for they dry out very quickly in such a small amount of soil. Just one drying-out is apt to ruin a beautiful box of plants—so keep them well watered, especially after they fill in and begin to bloom. A watering pot is much better than a hose for watering plants in boxes or pots. During the latter part of the summer, beginning in July, the plants should be watered lightly with ammonia water (a teaspoonful to a quart of water) or a little liquid manure. Stirring a spoonful of bone-meal into the surface soil now and then is also a good way to nourish the plants, especially the larger ones. Never feed a plant when it is dry. If the soil is dry, always give it a good soaking before the feeding or the plant may take an over-dose and be killed. Keep the soil well loosened and be sure to remove all of the withered and decayed leaves and blossoms as fast as they appear as this will make the box much more presentable and also induce more blooms.

The most decorative and therefore the most essential plant for the gardenette is the trailing vine. Following are a few of the most popular and most effective:

Vinca: trailing, green or variegated; grows very rapidly and covers the box making a very pretty display; will grow in a shady place; very attractive as an indoor window box plant; keep from year to year to save expense.

German Ivy: a charming, very rapidly growing, delicate vine with feathery, yellow blossoms.

English Ivy: plain and miniature leaved varieties—miniature variety very fine; grows much slower than German Ivy and must me planned closer together; is evergreen and one of the best vines to use for shady places.

Ivy Geranium: combines beauty of both Geranium flowers and vines and is one of the best plants to use in boxes; very showy—lovely when used in blue and white color schemes.

Kenilworth Ivy: fast grower; fine for hanging baskets; small lilac colored flowers.

Thunbergia Alta: a flowering vine; produces flowers of yellow, white and blue.

Smilax: glossy, green foliage; very desirable as a window box vine.

Wandering Jew: (several species)—rapid grower and perennially useful; good for shady places.

Japanese and Dwarf Morning-glories: annual vines; blossom freely; fine for southern exposures.

Nasturtiums (giant trailing): free blooming and tender annual vine; charming if their colors are harmonious with the house and surroundings.

Wild Cucumber Vine.

Maurandya: graceful and creeping—rather delicate annual climber from Mexico; fine for sheltered positions; elegant alike in flower and foliage; has tube-shaped flowers of blue, white and mauve peering up through small glossy leaves which bring forth much admiration; blooms continuously from July on.

Cobaea Scandens: an attractive blooming vine; its blossoms are not brilliant but quite unique; very rapid growth.

FERNS—SUITABLE FOR GARDENETTES

Some of the most attractive boxes are made up of ferns as most all of them are easily grown in boxes. They grow well in the shade and if well cared for will produce a lovely display of foliage.

Boston Fern

Scott, Whitmani, Pierson: all really more desirable than the Boston because they possess smaller more delicate leaves.

Croweanum, Glory: Maidenhair Ferns: the leaves of this kind of a fern should never be sprayed, always apply water to roots only.

Spider Ferns (of the genus Pteris) give very satisfactory results for general use.

Baby's Breath: resembles a much more ruffled Boston Fern.

Asparagus Fern (Sprengeri): grows freely and quickly; good for cutting; needs some sun.

ORNAMENTAL LEAVED PLANT VARIETIES

Aspidistra: variegated leaves, very ornamental, especially valuable as it is easily cared for and will thrive in spite of considerable neglect, dust and drought; does not require direct sunlight.

Maranata Vittata: decorative plant with large green leaves striped with double lines of white.

Coleus: very useful and highly ornamental; the coloring of the leaf is very bright and most unique.

Crotons: variegated foliage of brilliant color—red, yellow and glossy green.

Dracaenas: of same type as Croton but has larger leaves; require high temperature and moist atmosphere; needs a little sunshine.

Caladiums Esculentum (fancy leaved): very attractive; used often in plant boxes.

FLOWERS—SUITABLE FOR GARDENETTES

Nasturtiums: dwarf, climbing and variegated leaved; very attractive.

Petunias: single, double and fringed; pink, rose, blue, purple, white and mottled.

Fuchsias: (single and double)—best in partially shaded, cool locations.

Lobelias: fine for boxes or hanging baskets on account of graceful growth, spread out quickly and form a mass of flowers.

Geraniums: had better be newly purchased each year unless kept in the house as it takes old ones which have been cut back, so long to present a good spring appearance they need lots of sun; in all colors —Madame Recamier, a white sort

(Continued on page 132)



"Millions of California Pine window sash and frames are in use in American homes."

Window wisdom

Window sash and frames must withstand the extremes of weather wear, plus handling and friction—a most exacting demand upon the wood of which they are made. Accurate workmanship is paramount; and it is essential that this accuracy be preserved during the life of the sash and frame.

Millwork accuracy depends primarily upon the texture of the wood used. Soft-textured California Pines are *naturally* qualified for precision millwork. They cut easily, either with or across the grain, without splitting. They surface smoothly on four sides. Their uniformly even grain allows the cutting tool to produce sharp edges, which cast the contrasting shadows that accentuate the design of the building.

California Pine sash and frames preserve the structural form and design of the window unit, because these pines have the minimum tendency to expand and contract. They withstand the severe strains of opposing elements, as, for example, zero temperature outside the home, and 70 degrees inside; or, when the outside window woodwork is rain-beaten, while the inside is dry.

The very light weight of these pines makes sash operation easy, at the same time lessening the cost of balance weights, or, reducing the strain on mechanical sash balances.

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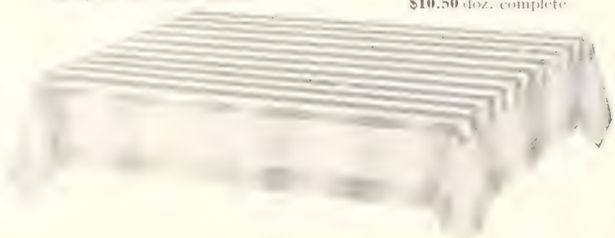
Napkins to Match

Inches	Doz.	Inches	Doz.
13X13	$9.00	18X18	$11.50



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PLANT-BOX GARDENIN

(*Continued from page 130*)

cies and pink and salmon shades are loveliest—the camphor white species are fine combined with the deep shades of rose or red; some of the finest Geraniums are S. A. Nutt, E. H. Trego, Marquis de Castellane, Beaute Potevine, Roseleur and Dorothy Perkins.

Begonias (including the tuberous rooted variety): next to the Geranium they are the most popular plant for flower boxes; good for east side of house and thrive wonderfully in a north window; some of the best of these are Vernon, Rex, Gloire de Lorraine, Glory of Cincinnati and Metallica (variegated leaved).

Primrose: good for a north location—will soon cease blooming if set in a sunny location; remarkable for their beautiful blossoms and their long blooming periods; the best are the Chinese and Obconica.

Verbenas: brilliantly colored—especially good in pink and white.

Lemon Verbenas: deliciously fragrant leaves, oft-times used as sprays with other cut flowers; each branch terminates in a spike of small white flowers.

Heliotrope: a delightfully fragrant plant; easily grown; a great favorite; needs lots of water and sunshine.

Mignonette: delicately scented; will bloom any time of year according to the time when planted; quick grower; grows best during the cool, moist weather of spring or fall.

Sweet Alyssum: pure white, free flowering and droopy; prefers a sunny location.

Salvia: blue and red; handsome flowering plants of bush-like growth.

English Daisies (Bellis Perennis): an old fashioned plant but always interesting; white and pink flowers.

Oxalis: grown from bulbs—use fr three to five to a basket; neithe vine nor a trailer—the hang basket effect is produced by the l drooping stems which both lea and flowers possess; flowers are y low; indispensible for hanging b kets; should be grown in full li or the foliage will grow too ra and long.

Gloxinias: showy and free floweri requires considerable warmth l not much sun—fine for north s boxes; flowers are in pink, whi blue, and rich purple.

Marguerites: white and gold flowe will bloom all summer if well ca for.

Pansies: pretty for early in the seas and they may be lifted out la and their places filled with oth things.

Dwarf and French Marigolds: bus plants; bloom very freely and co tinue for months.

Calendulas (Pot Marigolds): grov in old gardens since Shakespear time; compact bush growth, yell and orange blossoms.

Snapdragons (Antirrhinum): a mo important and popular annu flower; easily grown.

Phlox Drummondii: free floweri annual of quick growth; colors a varied and brilliant.

Tradescantia (Spiderwort): gro two feet high; long grass-like lea and blue, violet, white or red flo ers bloom from May to August.

Sweet Peas: very lovely in past shades; give both the color a trailing effect to the box.

Abutilons (Flowering Maples): fol age similar to the Sugar Maple; attractive plant, blooms freely.

Browallias (Speciosa Major): a har annual from South America; h bright blue and pure white flowe

PLANT COMBINATIONS

Nasturtiums { dwarf / climbing } very attractive and inexpensive, lovely with whi cottage.

Petunias { pink (Rosy Morn) / white }

{ Pink Fuchsias / Blue Lobelias (Gracilis or Crystal Palace) }

{ Pink Geraniums one of the prettiest combinations but not unique. / Vinca }

{ Pink Geraniums / Blue Perfection Ageratum / Little Gem Sweet Alyssum }

{ Vinca / Pink Petunias / Ageratum / Feverfew }

{ German Ivy / Rosy Morn Petunias / Blue Perfection Ageratum / Sweet Alyssum }

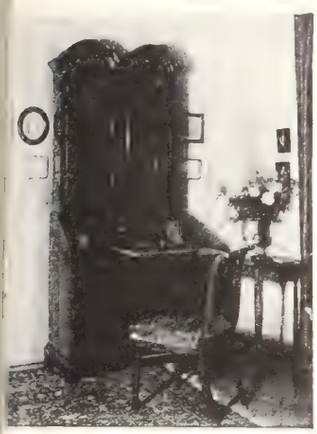
{ German Ivy or Vinca / Gloire de Chatelaine or Vernon Begonia / Double White Petunias / Blue Lobelia (Tenuior) }

{ Nasturtiums / Vincas (a few to help avoid later shabbiness) / White Feverfew / Candytuft (filled in) / Lemon Verbenas (at ends and middle) }

{ Vincas / Nasturtiums / Lemon Verbenas / Fringed or Double White Petunias / Sweet Alyssum }

(*Continued on page 138*)

DIRECTORY of DECORATION & FINE ARTS



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AT THIS season of the year the shops are full of interesting suggestions for freshening up the country house—furniture, chintzes, wall papers and the small accessories that contribute so much to the general appearance of an interior.

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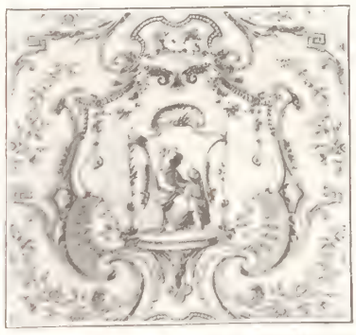
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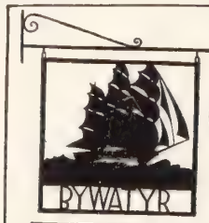
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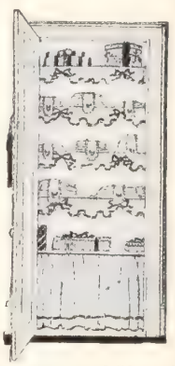


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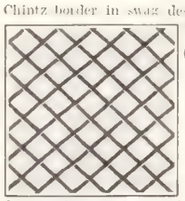
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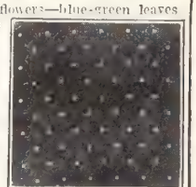
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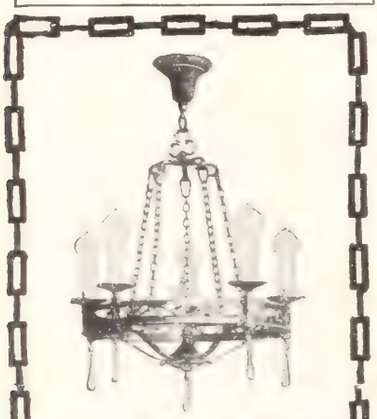


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bird-baths, sundials, benches, vases, flower-boxes and other interesting garden ornaments (many also suitable for interior use) will be found on exhibition in our new studios.

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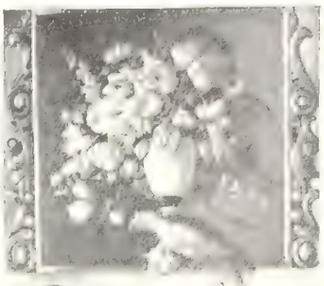
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ANOTHER interesting and very fresh looking paper suitable for a hall or breakfast room has a white ground and a rather modernistic design of sprawling flowers in green, gray and black with here and there a touch of copper. It is the black note in this paper that gives it its distinction. It would make a gay and decorative hall with furniture and woodwork painted green and cushions or curtains of copper colored silk.



WITH colorful papers of this description it is advisable to use a plain material for hangings such as sunfast gauze, taffeta or glazed chintz. If one prefers plain effects and the walls are not in condition to paint, there are plain papers in a variety of lovely pastel shades. With these, of course, can be used flowered or striped hangings of chintz, taffeta or linen.



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Genuine Reed Furniture

Our Reputation for Reed Furniture of the Highest Quality and our Personal Service in securing just the Design and Coloring that appeal to your individual taste are widely known.

HAND EMBROIDERED KASHMIR RUGS

New Shipment just received in both Dark and Light Grounds - Elaborate Designs in Rich Colorings. From $15 upward

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Spanish Renaissance Lantern
For Ceiling Use

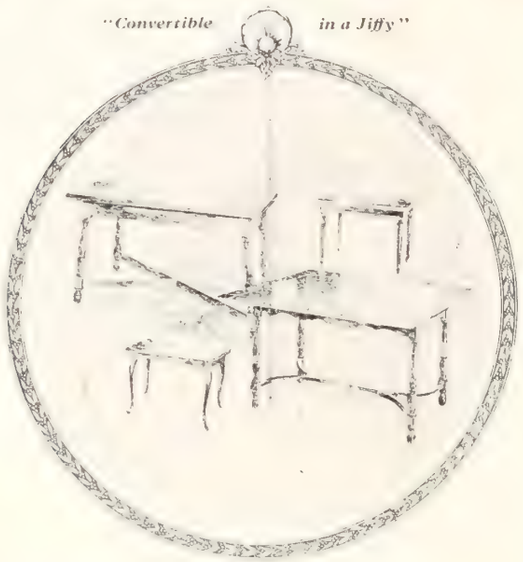
Hand Wrought Iron finished in black with old white or antique; brass or with white or ivory shade. Wired complete ready for use.

No. 224 —14" high Price $20.00
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GREGORY

JIFFY-DINE

"Convertible in a Jiffy"



—a smart table for smart folk!



Pull knob to lift top

THINK! A library table you can convert into a dining table by pulling a concealed knob, and then pulling out the extensions from both sides! It's called the Jiffy-Dine, and is the very latest whisper in things that go to make the home more beautiful and livable.

This table is a great improvement over any library Extension table on the market. So neat! So practical! Comes in combination (mahogany or walnut) and in distinctive finishes — and in pleasing period designs. You are sure to find one that will harmonize with your particular style of furniture.



Draw out leaves

To furnish the one-room apartment or small house is such a problem — one invariably has too much or too little. The table is usually the balancing point, and if it must serve two purposes, it is necessary that it be attractive, substantial and — just the right size. All these things you will find in the Jiffy-Dine which has enjoyed such a tremendous demand since its introduction a short time ago.



Push knob to drop top

Home is the place in which you live, relax, are comfortable and settled. The Jiffy-Dine adds that distinctive note of personality which is the making of a really livable home. Be sure you look for the "top lifting" Jiffy-Dine, for it is a marked improvement over the first Jiffy-Dines sent to market.

Send the coupon for folder illustrating the various styles of Jiffy-Dines

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Gentlemen: I shall appreciate a copy of your folder, illustrating the various styles of the Gregory "Jiffy-Dine."

Name_____

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PLANT-BOX GARDENIN

(*Continued from page 132*)

{ Pale Pink Begonias, Ferns, Asparagus Sprengerii } massed together make an enchanting grouping especially good for a north window.

{ Fuchsias
Cigar Plant
Heliotrope—if there is plenty of sun.
Geraniums—for greenery.
Salmon Pink Geraniums
English Ivy
Browallia (Speciosa Major)
Pink Petunias
Daisies
Pansies
Rose Geraniums
Lilies of the Valley
Petunia (Burpee's Blue)
Morning Glory (Fuchsia Flowered—Rose-pink)
Petunia (Balcony Blue)
Ageratum (Tom Thumb—blue)
Heliotrope (dark purple)
Coleus (Sunset—a diversity of shades and wonderful combination of colo
Heliotrope
Mignonette, Lemon Verbena, Rose Geranium, Verbena (purple) } a box of perfume—be sure to plant this where the fragrance is wafted into the house or onto the living porch.
Ageratum (blue) a lovely purple and blu combination.
Heliotrope (dark purple)
French Marigolds (Dwarf Orange-ball)
Nasturtiums (Tom Pouce Trailing—orange) an orange combination.
Aster (Daybreak—Lavender)
Snapdragon (Orchid or Mauve) a lavender combination.
Phlox (Lilac)
Ivy Geranium (pink)
Fuchsias (pink) a fine pink combination.
English Daisy (Snowball)
Aster (White Daybreak) a white combination.
Pansy (Snow Queen)
Sweet Alyssum (white)
Snapdragons (white) white combination— very lovely.
Maurandya (white)
English Daisy (Longfellow—dark rose)
Verbena (rose) rose combination.
Begonia (rose or salmon)
Salvia (red)
Geraniums (red) red combination.
Fuchsia (red—trailing)
Marigolds or Calendulas
Heliotrope purple and gold combination.
Purple Verbenas
Ivy Geranium
Scarlet Geranium Geranium combination fine for a west window.
White Camphor Geranium }

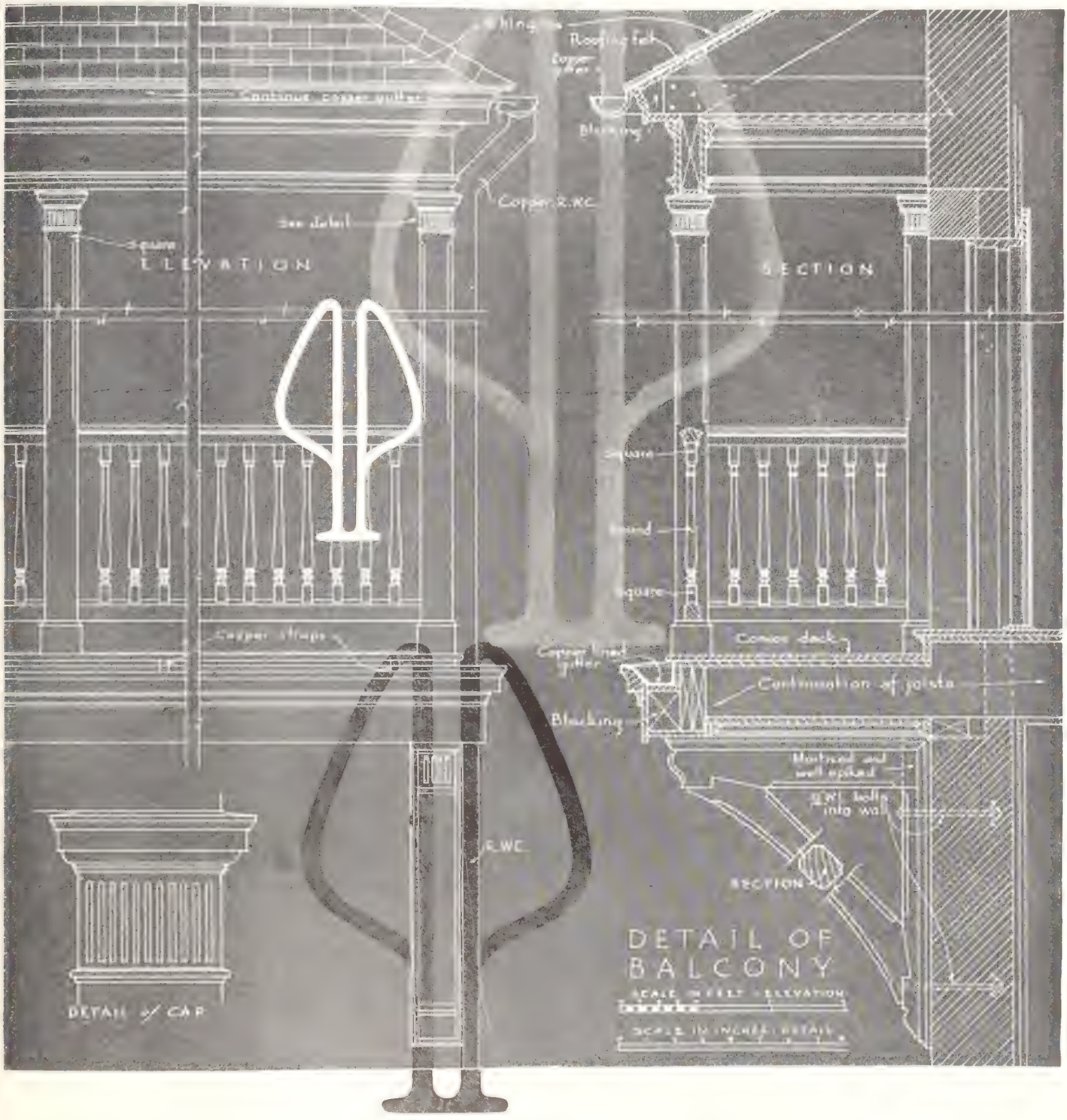
When the frosts come and ruin the summer gardenettes, pull or take out all the roots and refill the boxes with dwarf evergreens such as Retinspora, Arborvitae, Spruce or the tiny Pines, Hemlocks, Cedars or Juniper trees. There are nurseries that specialize in these tiny trees. Though they do not make much growth all winter they make very attractive boxes. Sprigs and branches of these same evergreen species just stuck in the ground (not rooted) will stay green for a long time and make a good substitute. Japanese Barberry and an evergreen vine such as Evonymous are very attractive as winter box plantings. Keep the snow brushed off of them well and they will be much less apt to turn brown.

Bulbs set out in boxes will behave exactly as they would if set out in a bed, and lovely varieties and combinations can be indulged in, either indoors or outdoors. The Early Tulips, Paperwhite Narcissus, Trumpet Daffodils, Roman Hyacinths, Dutch Hyacinths, Campernelle Jonquils, Chinese Sacr Lilies, Bermuda Lilies, Freesias, et are all practical and lovely. The do ble pink tulips are lovely combin with white or very light shades su as the Painted Lady, Mrs. Cleveland the Wedding Veil.

A succession of zinc refills for t bulb boxes is a new idea which prov very satisfactory either indoors or ou Starting with a combination of Hy cinths—rose and white or red and bl —which will bloom for several wee indoors, replace this with a combin tion of Daffodils or Jonquils (yellow and Narcissus (white). This may l followed by Tulips of some love combination which can be transferre from the indoors position to the porc for earliest outdoor effects. There a wonderful range of bulbs which c be used in these indoor gardenettes th ought to enable everyone to work o combinations to suit their own indivi ual tastes.

A splendid idea for the apartmen

(*Continued on page 140*)

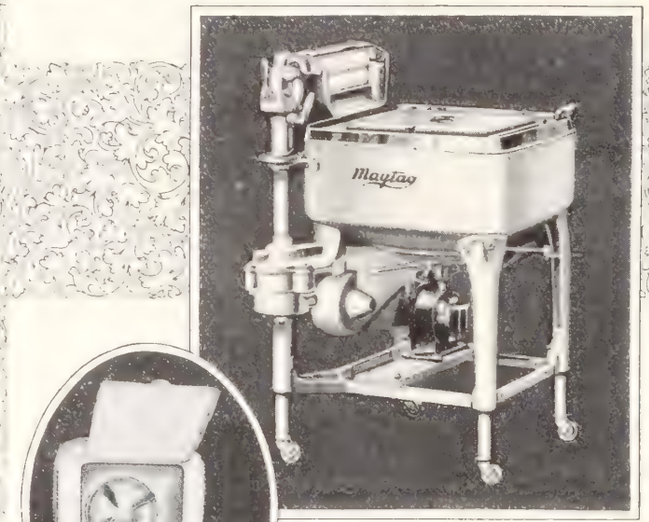


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Pondosa Pine

The Pick o' the Pines



The Aluminum Tub

NOTHING better illustrates the determination of The Maytag Company to build the world's finest washer than the indestructible, cast aluminum tub of the Gyrafoam.

It does not rot, rust, warp nor wear out. There are no corners nor soldered joints. It is at all times sanitary—automatically self-cleaning. It keeps the water hot, and it functions perfectly with the action of the gyratator in its base.

That the aluminum tub costs three to five times more than all others to produce, brought at first many accusations of unwarranted extravagance. Today, however, its great economy is recognized as its most distinguishing virtue.

May I urge that you thoroughly examine the Maytag Gyrafoam Washer? Permit the nearest Maytag dealer to deliver one to your home. Wash with it! You may do so without cost or obligation. The very first Gyrafoam sold itself. One in your home will sell itself to you.

F. L. MAYTAG, *Founder*
THE MAYTAG COMPANY, *Newton, Iowa*

Maytag
Gyrafoam Washer
WITH CAST ALUMINUM TUB



Silver Gift, one of the new English Daffodils, flowers late and bears snow white flowers on stalks 16 inches high. It is suitable for the border

NARCISSUS NOTES

THE Royal Horticultural Society of England sometime ago adopted a classification of Narcissi. Eight types were listed, as follows: (1) Trumpet, those in which the trumpet was as long as or longer than the perianth; (2) Incomparabilis, those in which the cup measures from one-third to nearly equal the length of the perianth; (3) Barri, the cup measuring less than one-third the length of the perianth; (4) Leedsii, all the Chalice-cupped and short cupped Narcissi having a white perianth and a cup of white, cream or pale primrose; (5) Jonquils and their hybrids; (6) Tazetta, bunch-flowered or Polyanthus, and their hybrids; (7) Poeticus, all with snowy white perianth and flattened yellow cup more or less deeply colored with scarlet or crimson; (8) Double Daffodils.

Examples of the Trumpet class are Emperor and Empress; of the Incomparabilis, Lucifer and Sir Watkins; of the Barri, Firebrand, Red Beacon and Barri Conspicuous; of the Leedsii, Mrs. Langtry and White Lady; of the Tazetta, Gloriosus and Her Majesty; of the Poeticus, Cassandra and Glory of Lisse; and of the Doubles, Van Sion and Campernelli Regulosus Plenus.



Narcissus poeticus Elvira bears bunches of large fragrant white flowers with a bright yellow cup

This time next year a great many people will be waking up to the fact that the government has placed

(*Continued on page 142*)

PLANT BOX GARDENING

(*Continued from page 138*)

dweller (also good winter and summer) is a vegetable gardenette. It is best to have a south or west window for exposure. I may also add that it is very difficult to grow any kind of plant in a kitchen where there is gas. If this is an outdoor gardenette, it can be placed on a back porch or stoop or under a kitchen window. I think that you will find it a source of much pleasure as you will be able to grow certain plants and herbs to use for flavoring, garnishing and decoration and even your first spring radishes, lettuce and onions, if you wish. The easiest plants to grow are Parsley (which is graceful and decorative wherever it is planted), Peppercress, Chives, Mint, Tarragon, Sage, Endive, Lettuce, Radishes and even Onions. Parsley, Peppercress, Lettuce and Radishes may be sown directly in the boxes. It is really best to buy the plants for the others although they can be raised from seed. Do not sow the seed thickly unless they are to be thinned out later. A few sweet Pepper plants are fine for furnishing peppers for the salads, and they are not unsightly looking for indoors or porch planting as they are of a small bush formation and have fine leaves and the fruits of shiny red and green make them quite decorative.



—and here's our bright basement"

"Isn't it bright and airy—almost as light as the rooms upstairs? When our architect drew the plans he put in plenty of basement windows and specified Fenestra. They're the kind that let in more light and never stick or warp."

Why not have a Fenestra basement in *your* new home? Why not when it costs no more to have sturdy steel windows than it does to have them built of wood? Think of the convenience of having the whole basement flooded with light— a bright airy laundry, a furnace room where you can see and a cheerful playroom for the children.

And there are other good things gained when you tell your architect and builder to use Fenestra Windows. You've struggled with sticking windows? You'll never have that trouble again. You've seen wood windows that have rotted and decayed? That will never happen. And besides there's less chance of fire, less danger of intruders.

Not only in the basement, but throughout the entire house, you can enjoy these steel window advantages—and you'll find the cost surprisingly low. Ask your lumber or building supply dealer about them.

Fenestra Casement Windows

Surely you want to build "up-to-dateness" into your new home—you want all of the *future* value you can get. Then choose Fenestra Casements of the beautiful English type. These long-lived steel windows add both coziness and beauty to every room, dress up the exterior, and provide many other advantages.

Fenestra Garage Windows

And while your builder is installing Fenestra Windows in the house he can put them in the garage also. Fenestra Utility Windows will quickly carry off the dangerous gases and fumes, they will give you more light when you work around the car and like *all* Fenestra Windows they'll last as long as the building.

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Not Only in Large Homes

—does the Kelsey save money

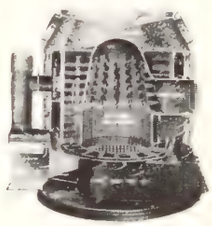
In any home, anywhere, palatial mansion or more modest dwelling—Kelsey Health Heat warms comfortably and economically, and stands guard over the family's health.

And is this wonderful heat economical too?

Well, a saving of seven tons of coal in one season surely sounds like economy.

This saving was reported by a prominent resident of Syracuse, N. Y., who says that for once in a heating plant he got economy, and supreme comfort at the same time.

You're probably now putting in next winter's coal. Better consider replacing that wasteful heater with the economical Kelsey.





Kelsey literature will bring you some mighty valuable heating information. Ask for it.

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WARM AIR GENERATOR
(Trade Mark Registered)

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KELSEY HEALTH HEAT



Cleopatra is a fine yellow trumpet Daffodil suitable for careful grouping in the border

NARCISSUS NOTES

(Continued from page 140)

an embargo against the importation of the Narcissus. Those who are wise will buy now. The following would be a representative selection; Emperor, Glory of Sassenheim, Madame de Graaff, Empress, King Alfred, Treserve, Barri Conspicuous, Cossack, Croesus, Firebrand, Red Beacon, Sunrise, Gloria Mundi, Homespun, Lucifer, Sir Watkins, Will Scarlet, Campernelle odorus regulosus, Katherine Spurrell, Mrs. Langtry, Queen of the North, White Lady, Admiration, Alsace, Elvira, Casandra, Glory of Lisse, Poeticus ornatus, Campernel regulosus plenus, Sulfur Queen, Van Sion, Van Waveren's Giant.

The interest in Narcissi is, indeed, old. In the *Paradisus* of John Parkinson, published in 1656, no fewer than 94 plants are described as belonging to the Narcissus family. A new Dutch catalog lists 165 Narcissi.

Parkinson is credited with raising the first hybrid Daffodil so long ago as 1618. The later hybridists include such names as Dean Herbert, Dr. Edward Leeds, after whom was named the Leedsi group, William Backhouse and John Horsfield. Of collectors, Peter Barr ranked among the leading Narcissus enthusiasts.

A partially shaded spot is preferable for Narcissi because the flowers last much longer than when in sun. An orchard slope is ideal.

Corbus is a fine poeticus Narcissus, with a white perianth and a bold canary cup banded with scarlet



(Below) Narcissi naturalized in a meadow in the Mayfair Gardens of Chester Jay Hunt at Little Falls, N. J.



Peter



THE HOUSE THAT BEAMS A WELCOME

A Comment by James Wallen

ALL over this land of lovely homes are houses so intensely personal that they suggest their owners.

Here pictured is the home of Robert J. Dwyer, ship chandler, at Kingston, New York, that beams a hospitality very characteristic of its host.

The house has some of the cavalier quality of Old Spain, reconciled to the austerity of the north. It has both dignity and cheer in right proportions—a balance desirable in both hosts and houses.

McDougall-Butler varnishes, enamels and paints that refine everything they cover, were used in and about the Dwyer house as in many other homes where charm abides. Samples will be sent you for the asking, of three McDougall-Butler products — Zanzite, "the lily among enamels"; Mattona, "the true mat finish" and Permanite, "a crystal-clear varnish."



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Build for tomorrow and use *Sargent Hardware*



BUILD so that in the years to come you will be proud still to say: "This is my home." Plenty of closets, there must be. And perhaps a cordial entrance hall and a graceful winding stairway.

But don't neglect hardware. Plan now, when making your appropriation, for the hardware that is built for tomorrow. Solid knobs, handles and other pieces of wear-resisting brass or bronze. Cylinder locks that work smoothly and give definite security at every entrance door. Easy spring locks, quiet and sure acting, for inner doors. Effective fasteners at all the windows. Sargent Hardware will be a source of satisfaction through the years.

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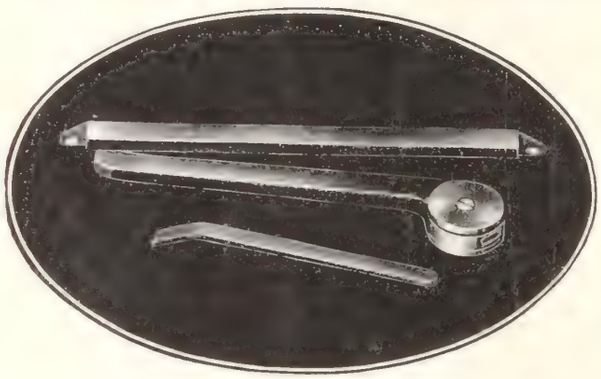
...only 10c



"Things You Ought to Know about Casement Windows"

It tells you how to have the greatest convenience and comfort with your casement windows—and having that is merely a matter of *knowing in advance* the best methods of construction and operation.

Profusely illustrated. Also gives a complete description of Win-Dor Casement Operators, which enable you to *swing your casements without opening your screens*—the most important feature for your casements to possess. Write for the book today enclosing 10c in stamps. Address The Casement Hardware Co., 220 Pelouze Building, Chicago.



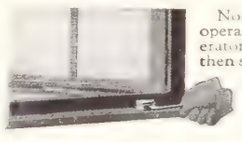
. . . and here it is . . .

a first grade Win-Dor Casement Operator

$2

We have worked ten years to produce this—a casement window operator of the famous Win-Dor type and made of best materials . . . yet to sell at a price within the range of the most modest builder. And here it is.

$2—think of that—less than it costs builders to use old-fashioned adjusters and hinge the inside screens. Use this coupon and get descriptive circular, just off the press. Don't delay.



No need to open the screen to swing the casement. To operate the sash simply press downward lightly on the operator handle *inside the screen*, releasing automatic lock and then swing the casement by moving the handle easily and quickly to right or left. Advantages: easier operation, never an opening for flies or insects, no tearing or soiling of curtains or drapes, no rattling or banging of casements, no "acrobatics" trying to operate window.

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Please send free circular describing The New Standard

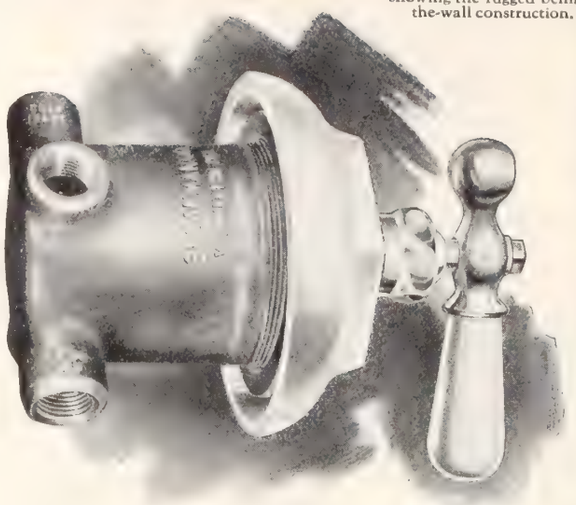
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Here's Why

TURN the single handle of the Mixometer and instantly you have just the shower temperature that you desire—There's no fussing—no bother and no water wasted trying to get it "right."

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Three popular types of Speakman Showers are shown below. Of course we also make other Mixometer Showers for all types of bathrooms and installations.

Let us send you our booklet, "Once-Used Water." It will aid you in selecting the right shower and other plumbing fixtures for your home. Your plumber and architect know Speakman Showers and Fixtures. We will be glad to work with both of them. In writing you might mention their names.

SPEAKMAN COMPANY, Wilmington, Del.



H 0821/2 Mixometer Shower over a tub

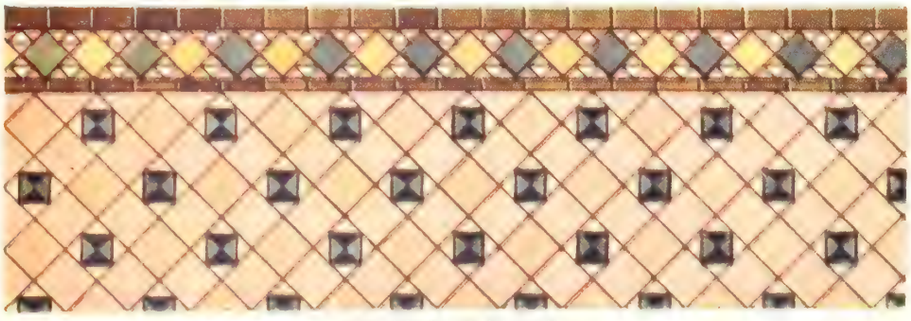
SPEAKMAN SHOWERS AND FIXTURES



TYPICAL WALL SECTION

Early English Sun Room





SECTION OF FLOOR
Italian Stair Hall

Colonial Bath Room



Period Motifs

These period motifs are correct, authentic, and in the true spirit of their respective periods. They are adaptable and appropriate for houses large or small.

Size, color, glaze and texture have been painstakingly selected to insure a pleasing and artistic result. Without the correct tiles it is impossible to duplicate these effects.

ASSOCIATION TILES

should be specified, so that the essential requisites in style shall be preserved. Permit no substitution, but insist upon your tile contractor working in accordance with our specifications. To assure you of proper reproduction—with all the fine qualities which these original designs possess—we have prepared specifications and plates in full color. This association will cooperate with you in securing tilework that is attractive, durable and in other ways satisfactory.

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Mosaic Tile Company
National Tile Company
Old Bridge Encaustic Tile Company
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Booklet free. Specifications and color plates (the three shown here) for 8 cents postage.



The furniture, kitchen cabinet, and walls in this kitchen are finished with White and Blue Valspar-Enamel, the kitchen range with Black Valspar-Enamel; the drainboard and linoleum with Clear Valspar.



The woodwork is painted with Valspar-Enamel, the furniture with Mission Blue and the floor with Valspar-Enamel.

Make a model kitchen with Valspar-Enamel—

Valspar-Enamel will quickly brighten an old-fashioned, uninteresting drab kitchen into a bright, cheerful, easily-cleaned, modern "work-shop."

Here's how one woman did it. She painted all the dark, time-stained wood trim with white Valspar-Enamel. Then she put white and blue Valspar-Enamel on her kitchen furniture, chairs, stool and table.

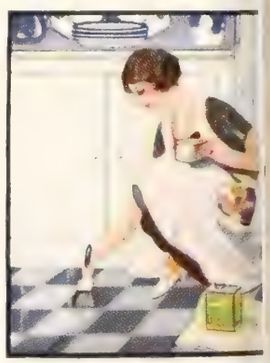
The stove she painted with black Valspar-Enamel so that it looked like new. The metal fixtures and hot water boiler she polished and then Valsparred so that she'd never have to bother with polishing them again. The drain-board and the linoleum likewise were Valsparred.

She did it all herself, too. And you'd hardly believe it was the same place—it looks so clean and full of sunshine.

And here are two big points this woman found out; her kitchen wasn't merely more cheerful—it was also *accident-proof*. Practically nothing you can spill around a kitchen will mar a Valsparred surface.

Valspar-Enamel comes in twelve beautiful colors; Red—*light and deep;* Blue—*light, medium and deep;* Green—*medium and deep;* Ivory, Vermilion, Bright Yellow, Gray and Brown. Also in Black, White, Gold, Bronze, Aluminum and Flat Black. By mixing two or more of these colors, you can secure any shade you want. Valspar-Enamel dries dust-free in two hours, hard in twenty-four, with a brilliant lustre. It can be rubbed down to a rich dull finish if preferred.

Send today for your sample can of Valspar-Enamel, specifying the color.



Valspar protects linoleum.

Largest Manufacturers of High Grade Varnishes in the World

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VALSPAR

ENAMEL



The famous Valspar boiling water test

This Coupon is worth 20 to 60 cents

VALENTINE & COMPANY, 460 Fourth Ave., New York

I enclose dealer's name and stamps—20c apiece for each 40c sample can checked at right. (Only one sample each of Clear Valspar, Varnish-Stain and Enamel supplied per person at this special price.)

Valspar Instruction Book with Color Charts, 15c extra.

Print full mail address plainly.

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Valspar-Enamel	☐
Choose 1 Color	
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H. & G. 6-25





The Public School at Kohler

Kohler enameled plumbing ware and private electric plants

A TINY garden will fill the house with lovely flowers. Just so, a simple bathroom, an inexpensive one, a little one if need be, can bring the thrill of clean, fine living. For it may have the same choice fixtures of Kohler Enameled Plumbing Ware that are used in costliest bathrooms. No other good ware is priced more moderately. Yet no fixtures can surpass in alluring grace or lustrous beauty those which bear the name "Kohler," faintly fused into snowy enamel.... Please write for Booklet E. It shows fine fixtures for bathroom, kitchen and laundry.

Kohler Co., *Founded* 1873, Kohler, Wisconsin
Shipping Point, Sheboygan, Wisconsin
BRANCHES IN PRINCIPAL CITIES

KOHLER OF KOHLER

Enameled Plumbing Ware



For the first time — a thatch roof at moderate cost

For the English Cottage type of home there's no roof quite so fitting as a thatch.

Such a roof completes the harmony of line and coloring that is the making of a beautiful home.

But it has always been a rather expensive roof to apply.

Now, for the first time, you can secure this appropriate thatch effect in a moderately priced roof—The Richardson Multicrome Thatch.

Here is a roof whose softly blending tones of weathered brown and tile red slate flakes suggest the mellow English downs in every curve. Or, if you prefer, you can have a similar mixture of weathered brown and jade green coloring. And the distinctive cut of this roof, too, increases its unusually realistic thatch appearance.

The Multicrome Thatch is an exceptionally easy roof to apply. No expensive trimming or steaming is necessary to secure the thatch effect. This roof comes in convenient sections, all cut and ready to lay directly on the roof boards.

Richardson has also developed other new roofing color effects of a beauty hitherto available only in the more expensive materials.

Other rich blends of color

Bronze mosaic! Onyx! These are colorings likewise suited to different architectural types of homes.

50% thicker than the ordinary roof

The Multicrome Roof is built of Richardson Super-Giant Shingles—extra large, extra heavy. Its 50% greater thickness adds years of endurance. Its base is sturdy, long-fibre Richardson felt. Its waterproofing is Viskalt—99.8% pure bitumen, especially vacuum-processed. Its surface is slate in close, overlapping flakes — further protection against weather and fire hazards.

This roof gives the maximum value at a moderate price. It is economical to lay and equally good for new or over-the-old-roof jobs.

Before you build, before you re-roof, by all means see these new roofs. One of them can give *your* home just the distinction and charm you have always wanted it to have.

Indeed, your greatest opportunity to add to the beauty of your home lies in a choice of the most effective roofing colors.

To help you choose

To help you make the most of this opportunity we have prepared an authoritative booklet, *What Color for the Roof?*

In it is page after page of beautiful homes in different architectural styles, all in color to show the most tasteful effects in body, trim and roof combinations. Interestingly explained, too, are the principles of all good color schemes.

And with the Richardson Harmonizer which it contains, you can see the complete effect of 54 different roof and house combinations.

The price of the book and Harmonizer is 25c. Send the coupon at the right for your copy.

See the new colors at your dealer's

Your nearest dealer in building materials can show you these and other beautiful Multicrome Roofs.

He will tell you, too, why the points mentioned in the panel at the left make their beauty *lasting.*

DEALERS: *There is a Richardson product for every roofing need. Perhaps you can secure the Richardson franchise for your territory. Write us.*

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Lockland (Cincinnati) Ohio



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Enclosed find 25c (stamps or coin). Send me your new booklet, *What Color for the Roof?*

Name .....

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☐ Check here if you want the free booklet, *A Richardson Product for Every Roofing Need.*

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RICHARDSON ROOFING



art with the floor when you plan a room

Do you want a dark floor? Then give thought to the wood that you use for flooring. It should be a wood of such texture that it will take a stain; a wood of such fine graining that it will stain evenly; a wood of such toughness that it will outlast the home.

That means Beech or Birch—almost equal to Maple in hardness, with a susceptibility to staining peculiarly their own.

Do you want a light floor—a floor with the airy cheerfulness of sunlight? Then think of Maple, fair and golden in hue when waxed or varnished; Maple, which gives beauty to ball rooms and is so hard it outwears stone.

Floor with Maple, Beech or Birch, in any room and every room of your house. These three floorings have a uniformity of toughness and a versatility of color possibilities which meet every need and suit every taste.

Write the MFMA Library for facts about these three floorings. COLOR HARMONY IN FLOORS, NEW FLOORS OR OLD and THE FLOORS FOR YOUR HOME are three of the interesting publications sent free on request.

MAPLE FLOORING MANUFACTURERS ASSOCIATION
1047 Stock Exchange Building, Chicago

Guaranteed Floorings

Look for the letters **MFMA** on Maple, Beech or Birch flooring and the trade-mark of the association whose members alone are authorized and guaranteed by the Maple Flooring Manufacturers Association to manufacture and grade flooring under the rules and standards established by the association and to preserve every particular of these remarkable woods. Use MFMA flooring for your protection. Look for it on the floor and the end label.

MFMA

Floor *with* Maple Beech *or* Birch

Good Buildings Deserve Good Hardware



"No! Corbin Hardware didn't cost us a bit more"

WHICH only goes to prove that beauty and quality in hardware need not be expensive.

The simplest cottage, the finest mansion, the greatest office building—all insist upon having doors, and windows or transoms, cupboards or closets. And how helpless these are without hardware that works.

Think then not of what Good Hardware—Corbin—"takes", but of what it "gives"—of doors that swing serenely through life because of dependable hinges and responsible locks—of windows that cheerfully rise and close at any hour—of Corbin equipped homes, offices, schools, hotels and other buildings whose hardware is a joy to live with.

If from your hardware you expect satisfaction, then Good Hardware is *most* economical. You can't get hardware of that kind any cheaper than Corbin's.

If you are thinking about building you will profit by reading "Good Buildings Deserve Good Hardware." May we send you a copy?

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The American Hardware Corporation, Successor
NEW YORK CHICAGO PHILADELPHIA



Crane's Cordlinear

That elusive thing called charm has surely been caught and embodied in this new, smart Crane creation.

Its novel cord effects, broken by self-tone vertical lines, give depth and richness to the paper without affecting its pleasing writing qualities.

There are four dainty colors to choose from and many new paper folds and envelope shapes.

You will find Crane's Cordlinear, as well as other Crane's writing papers, such as

Crane's Linen Lawn and *Crane's Kid Finish*

AT ALL STORES WHERE GOOD STATIONERY IS SOLD

EATON, CRANE & PIKE COMPANY, 225 Fifth Avenue, New York

EARLY AMERICAN GLA

(Continued from page 78)

cleave to an astral lamp which has been sitting on an unused shelf for fifty years. "Might come in handy to us," they argue, "Pa reads quite a bit yet." Nothing will draw from them a dark blue plate. Great Aunt Elizabeth once sat in its rays and was cured of cancer, and who can tell but they will need its vitreous therapy again! They are a beautifully mad lot—as engaging as those charming people who lived with the white rabbit under the hedge.

Ellen Marcella Mallers is one of them. She sells glass when it pleases her fancy to do so. She has, in her day, been a messenger boy and has travelled with the circus as an acrobat, but just now she's planning to get to the city to do art photography. Mrs. Danforth also keeps a small stock, just enough to enable her to sell off gradually among her wares, her husband's inheritance without his knowing it. He, poor fellow, hasn't heard a spoken word for fifteen years. She has developed a system of quelling him with a hard, glittering smile, turning after this gesture to confide in the purchaser, "if this Old Fool would ever die I'd sell you things that ARE things." Mr. Farling, too, is a dealer in crystal but his heart is not in his work. His main interest lies in the cross-breeding of birds. Just to stand before a pen of his hybrid chicken-turkeys, the most Godforsaken looking creatures on the globe, and watch his eye light up with creative pride as he views them, is a pleasure indeed.

DECANTERED DRAMA

Where but among old glass could you find Mrs. Perthe? She was once a carefree bride who loved her husband and her home. But an aunt died in Connecticut and willed her a Waterford decanter and two Bristol glass boxes. She set out to find a mate to the decanter and she was lost. Her home is now a sty. Three servants slosh about constantly polishing and arranging the shelves of compotes, flasks, salters and sugar shakers. You stumble from room to room over plates and creamers and sets of Bell-flower tumblers. Her husband, a beaten man, lives in a tent in the side yard on weak tea and an occasional steak which he broils for himself on a gasoline stove. While she—she hasn't been seen for the last three months. She was home two days from a searching expedition into New England when she learned that a family in Alabama was disposing of some glass and she took the first train for Montgomery. It might be . . . . You can never tell where that bottle may be found.

The piquant frail Carmen is also in glass. She sits of afternoons in her mother's dusty shop, stretching her limber body like a cat and welcoming the trade. "Ole glass," she ventures, when you admire a dolphin candlestick. "Ole book", she explains, when you thumb an album given in the early forties, so the faded writing on the fly leaf tells "To Jenny, from One Who Her." "Ole picture", she says, covet a daguerreotype of a cavalry captain, so young and so tiful that he stirs your pulse.

But give her the bit and she garrulous. She will tell you which leave you hanging ov counter with your mouth agape ventures beginning often wit phrase "When his wife saw me Incidents relating to journeys by and trips to the races, when wagers always go wrong. Libic escapades which rouse you to the row. She provides more vicario than any glass dealer in America

FENCES AND POLES

Amid her goblets and her glasses sat the lost Madam J She dealt mainly in metals, fo acted as a fence for the local thieves. But her passion was her She kept it in a cuboard lined dark blue crepe and it was the thing in the world that got her t feet. She sat in her enormous c on her folded feather bed while neighbors died, the police charge store across the alley and the gave birth to a child in the kit But let her begin on her glass she sprang to her toes like a fairy twinkled up and down the rows, p ing this, condemning that, and tering at the top of her lungs a "them Poles."

"Them Poles" had a tiny bottle . . just the size to slip i a lady's glove. It had beautif ribbed sides and a long tail drawn and turned back so that it looked a little sea horse. They had sold Madam Julius. Then they lea that it was desirable. One word to another until both families ployed watchmen to guard them night and Madam Julius went in trembling spasm of fear when she to thinking of them. They cu her roundly. They threatened her death if she ever stepped outside front door. One night they poun upon her boy coming home at d and pounded the life out of him. T was more than she could bear.

She fled. Like that early morn mist, she faded. The policeman the corner, "Didn't see her. Gon The settlement worker who made c about her soul, "No report." Seneca street postman, "No forwar ing address." Them Poles, mu gesticulation but no direction.

So when you search for glass also keep an eye out for a large lady, with a featherbed, and a m desirable scent bottle, probably Wist berg.

It is a beautiful pastime, browsing about. An escape from t ragging of a dreary world. If y are hemmed in by relatives or la politicians or friends in their cups turn to searching for old glass.

parfums Caron

10 rue de la Paix Paris



N'AIMEZ QUE MOI
(Love Only Me)

LE NARCISSE NOIR
(Black Narcissus)

CARON CORP. 389 FIFTH AVE, NEW YORK



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HELPS YOU ENTERTAIN

Guests, even when they are unexpected, are received without misgivings if Dean's Cakes have been ordered. Many hostesses send a note to Dean's in the same mail with their invitations. And Dean's never fails to respond with perfect cakes, delivered anywhere when needed.

Send for our illustrated Week-End Box Booklet describing the three, two different Assortments of cakes packed at $3, $4, $5 and $8. We prepay the Parcel Post charges and Express to the Middle West.

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Sports Apparel—

For smiling eyes
and sunny skies.

HAPPY—and oh! so admired—will be the woman whose Sports Apparel for the summer sojourn is selected at *Maison de Blanc.*

For here Sports Apparel is designed to be both smart and lovely—the former assuring *correctness,* the latter *charm.*

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Magnolia Palm Beach Hampton Bays



KAPOCK
GUARANTEED
Silky Sunfast Fabrics

For your Draperies, Furniture, Walls and wherever silky fabrics are used.

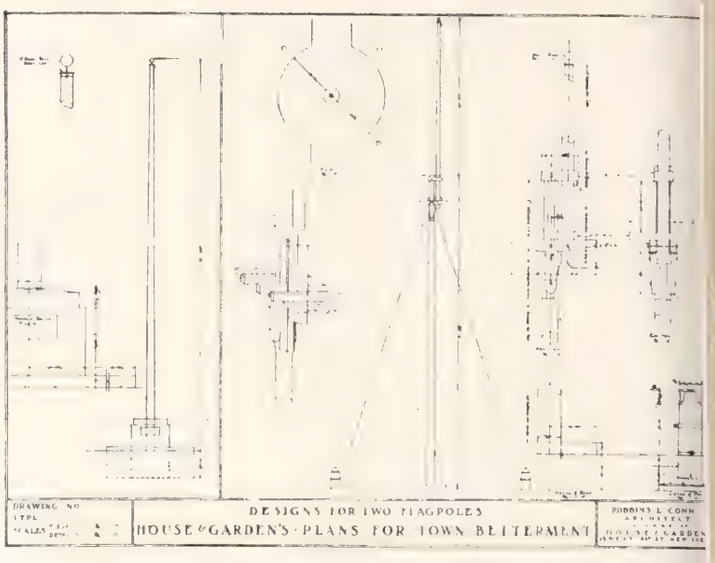
DON'T think that all silky sunfast fabrics are KAPOCK! There are plenty of materials made to imitate it that look like KAPOCK in the store, but will not act like KAPOCK at home! For twelve years KAPOCK has been known as a real sunfast and tubfast fabric of great durability. That's why its *first* cost is a little more than the imitations and that is why it pays you to make sure that you *actually see the name* KAPOCK on the selvage before you buy.

Send 10c in cash for New Drapery
KAPOCK SKETCH BOOK
Beautifully illustrated in colors

A. THEO. ABBOTT & CO.
Dept. C. Philadelphia

Beware of imitations. KAPOCK has its name on the selvage





All the necessary working drawings for the two flagpoles are given on this plan which is a small reproduction of the one that may be had on application

BENCHES AND FLAGPOLES

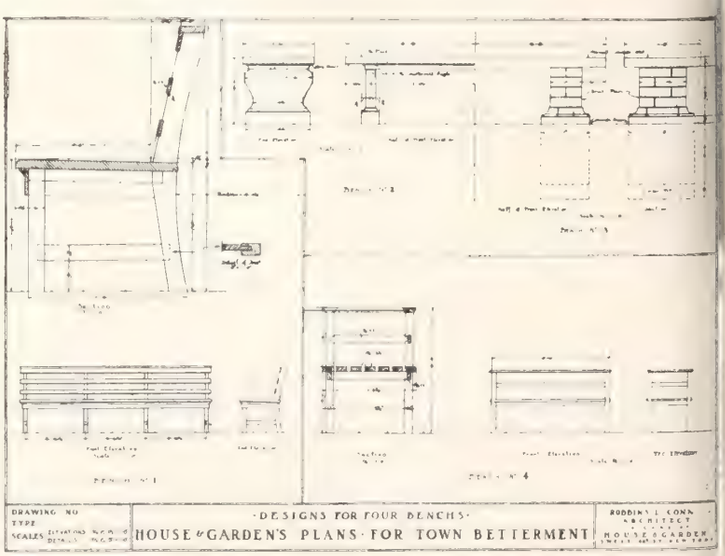
(*Continued from page* 103)

though they are more assertive and architecturally important. Their use and appearance suggest a more or less monumental device, and it is this quality that should be considered. While benches are incidental things in many instances, flag poles dominate at least their immediate situation.

Of the four benches here two are designed for permanent positions and two are movable. Type A is of the former sort, its supports being made of brick set on concrete bases and its seat being a heavy concrete slab. An unusual feature of its design is the bottom course of molded brick (a stock pattern), which gives it an air otherwise difficult to obtain. Type B is a bench for a somewhat formal situation. It can be made of cast concrete and, once the forms are made for the seat and supports, it can be turned out in any quantity that m be required.

Type C is an especially comfortab and graceful bench. It is made wood and can be as long or as sho as desired. It is formal enough to used in a prominent position, yet i formal enough to be set along a winc ing pathway. The smallest and sim plest of the benches is Type D. can be built very inexpensively, b its sturdiness and good proportio give it real distinction in practicabilit and appearance.

The Type A flag pole is one whic would be most appropriate in waterside community, but its simplic ity and straightforward design woul make it suitable for almost any situ ation which was not essentially for mal. For such a place Type B shoul be used.



The four benches described on page 102 and 103 are provided on the plan above with all the necessary details and working drawings for their construction

Minton English Bone China



PRINCESS PATTERN
REG U S PAT OFF.

The World's Most Beautiful China

MINTONS EST. 1793 ENGLAND

Like all other designs of Minton's, the Princess Pattern is distinguished by permanent colors and ornamentations which are rendered upon individual pieces by hand enameling.

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AMERICAN WALNUT

[illegible] outstanding preference for furniture, for [illegible]

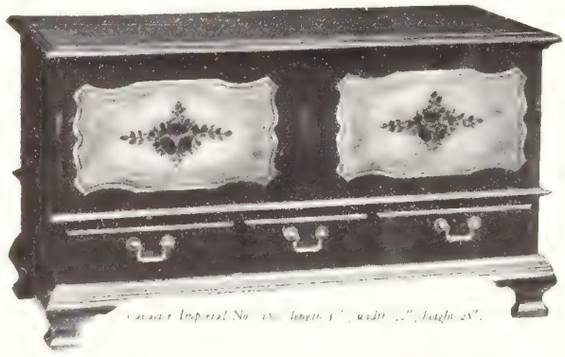
AMERICAN WALNUT

Our book, "The Story of American Walnut," is full of [illegible]

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"THIS IS THE WALNUT AGE"



Cavalier Imperial No. 180, length 51", width 22", height 28".

Beauty *as well as* Utility

TIME was when a cedar chest was just—a cedar chest, stored away in the attic or in the back hall. That time has now passed. With Cavalier Cedar Chests you can have every element of beauty added to the former utility.

The Cavalier Imperial Cedar Chest No. 180, illustrated above, is an ornament to any room. Inspired by the pure Early American, it has a rubbed Walnut exterior, decorated with antiqued gold panels, on which is painted a flower motif. Inside lined with genuine Tennessee red cedar; ample storage space; moth protection as sure as in an all-cedar chest.

Write us for the name of your nearest dealer and our booklet, "The Decorative Value of Cedar Chests."

Cavalier Cedar Chests

TENNESSEE FURNITURE CORPORATION, Dept. H, Chattanooga, Tenn.

Makers also of Cavalier Bedroom and Dining Room Suites

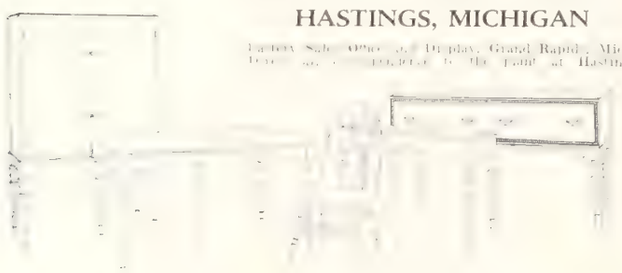




Writing becomes a pleasure

Charming in design and craftsmanship, and splendidly useful, this distinguished Hastings desk will fill an important place in your home. With appointments so perfect, writing becomes a pleasure and routine correspondence is quickly dispatched. Ownership of this fine desk will be a lifelong satisfaction—yet, like all Hastings furniture, it is very moderate in price. Ask to see it at your dealer's.

HASTINGS TABLE COMPANY
HASTINGS, MICHIGAN



HASTINGS
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The MARK of FRED E. HILL and his associates
Furniture



Symes & Olds

The exhibit of the Wayside Gardens, of Mentor, Ohio, was a long garden more ably planned and more effective than probably any exhibit ever shown in a flower show

THE CLEVELAND FLOWER SHOW

MARCH 28 TO APRIL 4



A most authentic Spanish garden in tile, stucco and sub-tropical plants, staged by Lillie M. Jacques, the exhibit of W. G. Mather



This general view of the main Auditorium floor shows how superbly the scheme of the Show has been considered and how each exhibit becomes an integral part of the whole



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YOUR living room takes on a new and subtle charm with the addition of Northfield Living Room Furniture. Attractive, graceful lines and charming color effects in the latest covering materials are blended with perfect tailoring and assured quality. There are many overstuffed and period designs, as well as colorful pieces in fibre-reed, from which to make a selection.

If your guest accommodation is limited, you will be delighted to find that some Northfield davenports contain a perfectly concealed bed, with ample room and comfort for two. All Northfield pieces carry the trade-mark—your assurance of fine quality. Good furniture stores throughout America sell Northfield Living Room Furniture. Write for "The Blue Book of Living Rooms."

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Italian Renaissance Mantel fashioned of Old Italian Stone of unattained color and texture, of rich old patina. Carved adaptation. Carved overmantel to suit. Price $295. Early Italian Andirons, $325.

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Correct Period Lantern. Price $110.



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WALL PAPERS

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LEAVENS *Furniture*

For supreme satisfaction have your selections of Leavens Furniture finished to your taste or to harmonize with surroundings.
Write for illustrations and complete information.

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Interesting catalogue, beautifully illustrated in colors mailed on request.

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No. 400A—Delightfully light weight, yet comfortably warm, this lovely silk satin puff is especially suitable for summer and country house use—filled with virgin lamb's wool. Price

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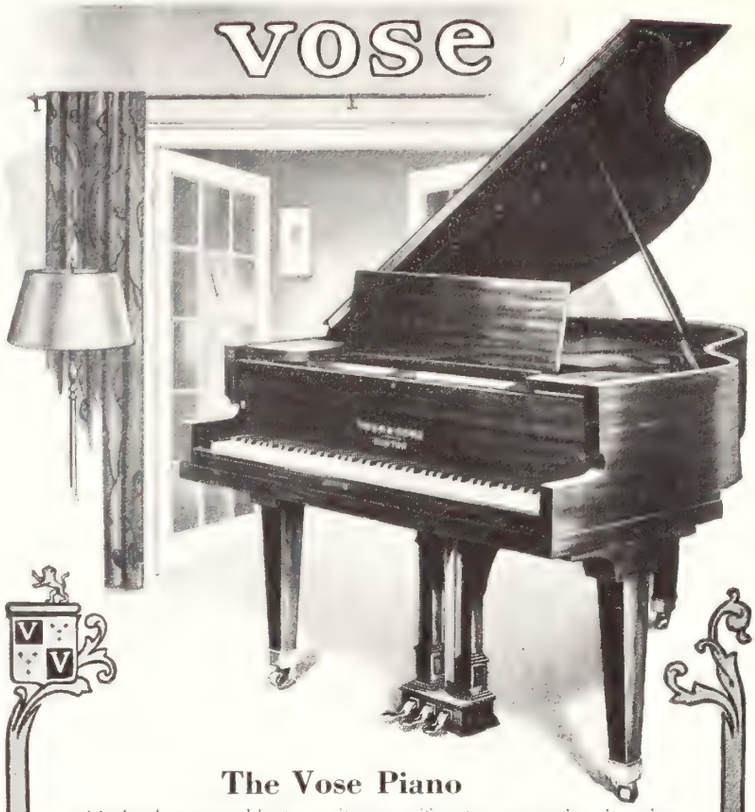
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SUMMER CARE OF HOUSE PLANT

H. STUART ORTLOFF

AT THIS time of the year the disposition of house plants becomes a paramount question. Many of them, if given adequate and intelligent care, can be carried through the summer to be used indoors next winter. House plants may be roughly divided into four groups for the purpose of this article, the ornamentals or foliage plants; flowering plants of geranium, fuchsia, and cyclamen type, the flowering plants of the shrubby sorts, as bush roses, azaleas, or lilacs; and the annuals which may also include the bulbous plants of the narcissus and tulip type.

The annuals should usually be discarded. Most of their strength has been spent in forced bloom and they are rarely satisfactory for another season. Fortunately they are easily raised from seed and therefore it is possible to start cinerarias or Jerusalem cherries in mid-summer for fall and winter blooming plants. Others like the poinsettia and coleus may be slipped and potted for the same season of bloom. The bulbs need a period of rest during which they can redevelop blossom buds. The most satisfactory method for this is to plant them out of doors in the garden where they will bloom in a year or so, and replenish your stock of bulbs next fall for winter blooms.

The shrubby flowering plants are usually too ungainly to be used in pots a second season, this of course applies principally to roses and lilacs. The best thing for such plants is to plant them in the garden shrub border and allow them to acclimate themselves. The azaleas and genista type of shrubby plants should be lightly pruned into a compact shape and repotted. It is necessary to do this pruning in the spring in order that they may produce blossom buds during the summer.

REPOTTING

This reduces our house plants to the ornamentals and flowering plants. These should be repotted as soon after the first of May as is practical, and then given a good location for their summer growing period so that they may be healthy and robust in the fall. It might be mentioned here that unless one is partial to large spreading plants of geranium and begonia it is very easy to take slips from the parent plant and when potted they produce good blossoming plants.

A plant is most vigorous in the spring and will, therefore, withstand the shocking of having its roots tampered with much more readily than any other time. Furthermore the soil and drainage conditions in a pot which has been utilized all winter, are sure to be in bad condition. Plants which are repotted in the spring are in a far better condition for indoor culture than those repotted in the fall. The principal reason being that they have not recently had a major operation to overcome.

The best soil for repotting should consist of one part loam (six or eight inches of soil upon which sod has been growing is best. Skim off the grass but retain the root masses as they are beneficial) and one part leaf mould (the decayed leaves of trees usually covering the forest floor, or humus which can be obtained from a florist). This should be thoroughly screened to remove stones and coarse matter. The fifty fifty mixture is satisfactory for all plants except the ferns and azaleas as they need a large proportion of humus. The old fallacy concerning the fertility of black mucky soil should be disregarded, this is not as rich as it is reputed to be and is poor material for pot grown plants.

It is not necessary to give a new pot to every plant. Unless the root masses have increased to a point where they appear to be pot bound it is best to use the same pot for large ones only tend to increase the root growth at the expense of poorer and less abundant bloom.

CARE AND EXPOSURE

When the plant is lifted from its old pot as much of the soil as possible should be shaken off and the roots disentangled. Then it should be replaced in a pot which is partially full of new soil. A broken bit of pot should cover the hole in such a pot and provide for drainage. The roots should be spread out in the new pot and the rest of the soil put in place. This should be firmly packed and well watered to insure all the crevices being filled.

After repotting the plants must be given their summer quarters. Such quarters may be classed as dense shade such as is given by maple trees; moderate shade which may be supplied by apple trees, and full sunlight. The shade cast by a house is not fit for any house plant. Ferns prefer the dense shade, but other ornamentals such as palms and most begonias prefer moderate shade, while the flowering plants desire full sunlight in order that they may produce blossom buds. Flowers after all are only so much materialized sunlight. The first two classes of plants prefer to be in a wind sheltered spot where their leaves will not be wind-whipped. It is best to sink the pots into the ground for they are then not so easily tipped over, and they are able to retain their moisture longer. If this is done a piece of broken pot should be placed in the bottom of the hole to help the drainage and to keep out worms. Potted house plants should be well watered during the summer. Rain storms do not supply enough water.

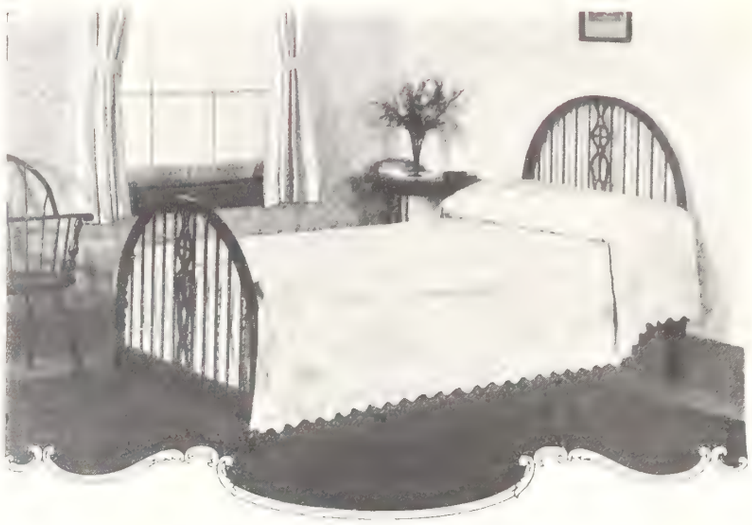


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HOME from the theater—or home from a week's trip—you will find the food in your Frigidaire as fresh and good as when you left it.

And that's just one of the advantages of Frigidaire electric refrigeration. It takes care of itself. Clean, sanitary, efficient, never needing replenishment, it makes the home owner independent of outside service.

The constant *dry* cold of Frigidaire actually *improves* foods of all kinds. It improves the flavor of meats, makes lettuce delightfully crisp, keeps fruits firm and juicy, makes salads delicious. With Frigidaire, too, you can have an ample supply of ice cubes, and can freeze your own desserts.

Yet, with all these advantages Frigidaire often costs less to operate than its user formerly paid for ice. And its first cost is reasonable, too.

It is made in thirty-two models, twelve complete with cabinet and twenty designed for use in converting present refrigerators into Frigidaire.

Frigidaire is a product of the General Motors Corporation, backed by a nation-wide organization of trained sales and service representatives. It assures continuous and dependable satisfaction.

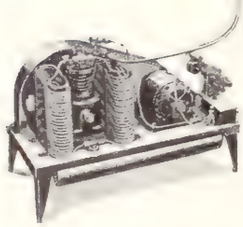
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1. *The frost coil is placed in the ice compartment of your refrigerator as shown above.*
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Frigidaire
ELECTRIC REFRIGERATION



When the walls are done in a gay flowered or figured paper, it is advisable to use plain hangings and bedspreads with simple furniture painted to harmonize with the background

COUNTRY HOUSE BEDROO

(*Continued from page 69*)

valance, bound, as were the curtains and bedspread, in a white cotton tape. The edge of the curtains was softened by having the ruffle quite full. In the big pewter bowl by the bed were always a bunch of yellow flowers—Primroses, Daffodils, yellow Iris, annual Phlox and Verbena. Always something yellow is in the garden and always something yellow is in the bowl. The same idea could be carried out using a horizon blue percale or a rose chambray, or vivid leaf green glazed chintz, a slightly glazed one as the ruffle of the curtains should hang down, not out.

Another bit of color to play up to is the blue found in English chintz papers. In a room where the walls are a little uneven, or the occupant is of an age when initials, or dogs or cats, or spiteful little verses to spiteful little sisters is a real outlet to his feelings, then chintz papers are splendid. For odd little guest rooms, where we want to get away from the plain wa the other rooms, these chintz pap unsurpassed. There is often th test that you can't use another in the room that has this paper haps you cannot use a figured at windows, but most certainly y use it on the furniture. The however, must be bold, either bouquet or a bold stripe or a re but not a small "all-over" of the acter of the chintz design of the

We start with the blue found wall paper and use stiff chintz cu of a deeper blue. Turn in a he on this, where it is stitched, pinked edged ruche of white. the valance to match, box pleatin heading. A dressing table ca draped in the same way with the In these chintz papers is gen found a clear red. To match thi a desk painted lacquer color or a stand. Choose the beds and b

(*Continued on page 158*)



Fine old paneling painted a neutral color makes a dignified background for the sturdy furniture and colorful chintz hangings in the bedroom above. Mrs. Bullitt was the decorator



Decorated for the Arts in Trade Exhibit held at the Waldorf-Astoria, New York City

Artistic effects
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—with KLEARFLAX linen rugs and carpets

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· instance, you can now have ost artistic floor effects with- travagant cost with rugs and ts woven of pure linen—flax!

cause Klearflax is all linen, it color beautifully. Beautiful tones in all shades; interest- Picwick color mixtures and ers; attractive small all-overs tripes; smart bordered effects.

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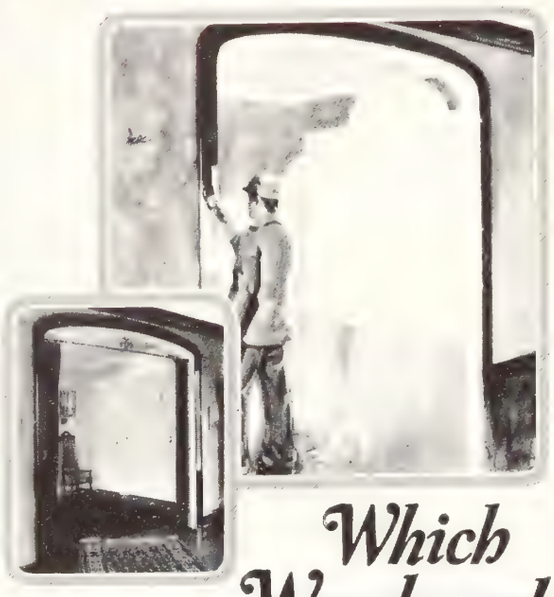
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Is preferred by the expert finisher because it invariably embodies these essentials. They are ingrown in the wood itself. They are the home builder's assurance of beauty, harmonious color and long life.

Arkansas Soft Pine is easy to get. Your local lumber dealer or planing mill has it (if you live east of the Rockies), and it is produced in abundance. It costs less than rarer woods of no greater merit. Our helpful book on correct woodwork finishing is yours for the asking, and with it you'll undoubtedly want our fascinating book of attractive home designs, sent for 50 cents cash or postage. *Arkansas Soft Pine* answers the woodwork and building material question with complete satisfaction and ultimate contentment. Get the facts now, while the idea is warm. Just write

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For the early days of Spring

TO everything and everybody in the world, Spring means new life and energy. To the homekeeper it means a brightening up of everything within and without. It means a home freshened with cleaning and with flowers.

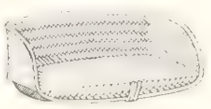
These early days of Spring are the days to devote to equipment. It is now that you should get the newest and best in housecleaning and gardening things. And when you want the best of these, come—of course—to Lewis & Conger.







Pad holds soap, washcloth, etc. Prevents soiling. Top keeps contents pure. Pad may be removed for cleaning. Rubber-covered pad in white, blue or white finish, **$5.75**. Tray only, in red, blue or oak-brown, **$3.25**.



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In a bedroom in the New York home of Mrs. Harry Horton a painted daybed is covered with a decorative linen and piled with many colored cushions. Agnes Foster Wright, decorator

COUNTRY HOUSE BEDROOM

(Continued from page 156)

from one of the many charming maple sets which, since the opening of the new American wing of the Metropolitan, have come to be immensely popular. Paint the window casings yellow and keep the lamps and shades in yellow. It is a room of primary colors nicely distributed. And then just to show it can be done, put a pair of small barrel chairs in a bold cretonne design of yellow, red and blue.

SETTINGS FOR MAPLE

Early American maple furniture is popular, but it is difficult to handle if one wants to make a rich warm room with elegance and luxuriousness. If several very fine old pieces have been collected, and are to be used in a bedroom and the background is to be suitable, rich fine fabrics should be selected. As a background for two fine beds, "museum pieces", of maple, a cream paper of formal design was selected, and a deeper toned rich carpet. Everything accented the warm, rich tones of the maple beds and the highboy. At the windows, where shades were not wanted, draw curtains of heavy tawny colored strié taffeta, self-trimmed, were used, and over these to the floor, a very beautiful chintz with large soft garden flowers, growing in fine sweeps. These framed the windows and were used as a valance on the beds, the spreads being made of the yellow taffeta. In the bay window stood a kidney-shaped dressing table, draped in soft old-fashioned cherry red and trimmed at the bottom with green petals, the colors and trimming taken from an old 1830 dress. A softer shade of rose was on the chaise longue. An old Canterbury music rack, now so popular as magazine holders, stood beside this chaise longue. Put casters on these and they can be rolled around the room and hold all the latest magazines in place of the old music sheets. Two little old chintz "tuffits" sat at the bottom of each bed, and by the fireplace were a pair of severe-looking but comfortable sitting seats. An old maple work table and a desk with a chi chair finished the lovely room.

By the way, why do we pick s stiff uncomfortable chairs for des I often believe people would write the public with more humor and quancy and to their friends with m kindness and sparkle if the desk-ch were cushiony and comforting. Ev desk chair should have springs, h and down and be ample, ample enou for a little squirming around when right word won't come, or the plea squirm when we've found it and it on paper.

An interesting Colonial guest roo with mahogany, could have a scei paper in brown on a white ba ground. The paper could be put abo a paneled or cream marbleized paint wainscot. The baseboard could be do in a rusty black, with the pictu molding painted in cream, rusty bla and the brown of the paper. The fu niture could be the usual mahoga set, which always seems on hand every household. The white curtain long and largely looped back, a made of a rich cream taffeta an trimmed with an important tasselle fringe of brown, soft and rich. Add t the collection of stereotyped mahogan two nice inlaid commodes of frui wood, and use, for what upholster is needed, a brown taffeta hand-quilte in small squares. Thus the room wi be in creams and browns, and the in terest will be sufficient in the figure paper to carry it, along with the rich ness in those beautifully draped curtains After all, you can't have a thousan interests in one room. The furnitur must be very well polished here. It i a hard brittle room that should shine

A GREEN SCHEME

A simple bedroom might have green trellised paper. Some charmin patterns come with an arbor design al in green or in blue or in rose. If w select the green one, paint the wood work the lightest tone of green colo

(Continued on page 162)



*Its gleaming snowy surface constantly signals "Winter Inside"

HERE is the refrigerator which belongs in homes where appointments are of the finest—where none of the commonplace is tolerated. The outer casing is dazzling white porcelain, beautifully trimmed with nickel-plated hardware. The provision compartment is one-piece porcelain.

Summer heat and the winter temperature of the Gibson never associate. For the Gibson is built to exclude warm air. Jealously does it guard its frigid atmosphere. How important this protection is when the hot, wilting days of summer come.

The walls of the Gibson are a twelve-fold defense of perfect insulation. The doors are locked automatically when closed. The patented, non-clogging, cast aluminum trap stops heat from coming up through the drain. These features save ice.

The Gibson is always easy to clean. The corners are rounded. Not a seam or crack anywhere. The shelves are of non-rustable metal. Sanitary!

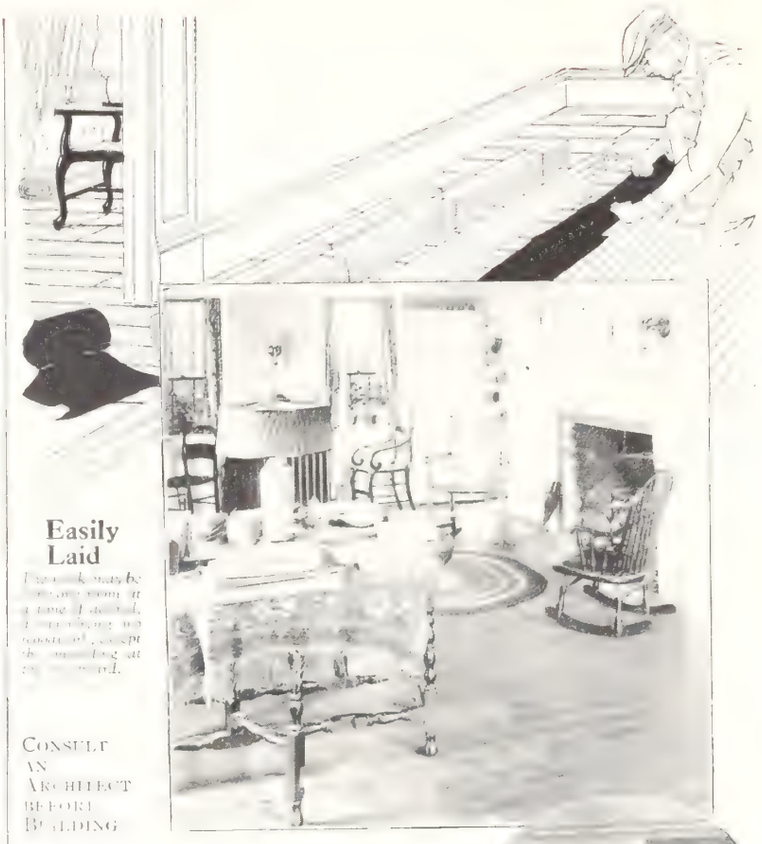
Ask the Gibson dealer in your city to show you this beautiful porcelain refrigerator. To see it is to know that at last you have found the right refrigerator for your kitchen. Remember, the Gibson is suitable for mechanical refrigeration.

GIBSON REFRIGERATOR CO., Greenville, Mich.

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*Gibson REFRIGERATOR

Gibson cork-board [illegible]



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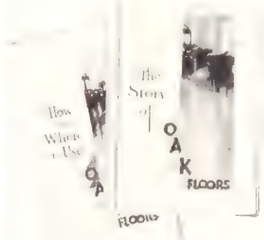
Centuries of growth have produced a toughness of fibre in oak that defies wear. Oak Flooring, Nature's own product, is not an artificial or temporary floor covering. It is permanent, and becomes more mellow, beautiful, and valuable with age. The characteristic grain and figure cannot be successfully imitated.

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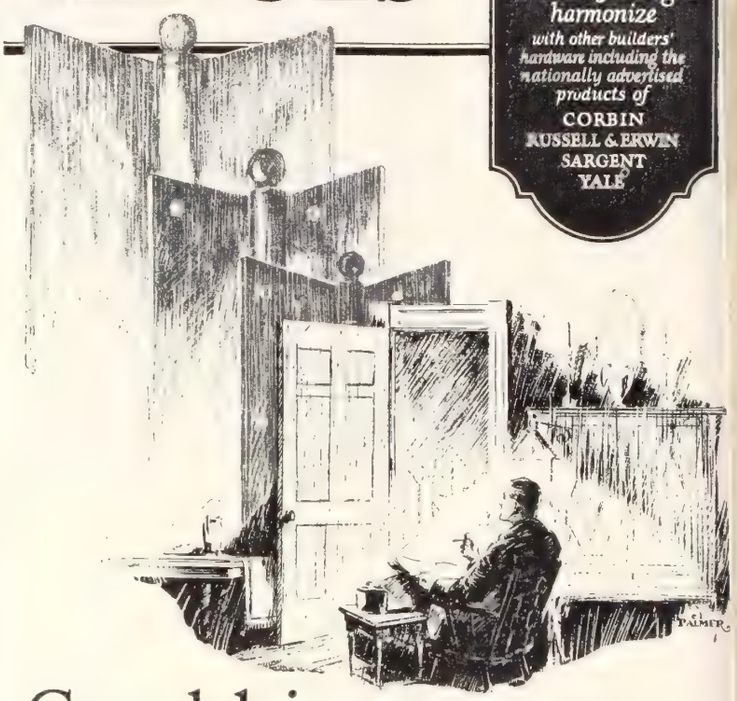
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A poor hinge is like a cinder in the eye. Small in dimensions. Great in irritation. Perhaps an occasional cinder cannot be avoided, but there is no need of jading your nerves with poor hardware. The name McKinney on hinges will safeguard you.

When you build or repair, much comfort and economy depend upon your visit to the hardware merchant. Make the trip early. Avoid last-minute disappointments. Hardware is a lasting item.

When you visit your builders' hardware man you will find it customary to decide first upon your locks. This done—give careful attention to hinges.

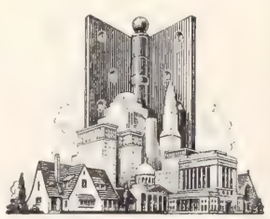
Of first importance is to see that *your* hinges are McKinney's. And you will not fail to do this if you recall how hinges grow on you.

You can obtain McKinney Hinge quality in sundry hardware articles, including complete hardware for garage doors.

A Gift for Those About to Build

McKinney Forethought Plans consist of little cutouts of your furniture made in proportion to your plans. With them you can arrange and rearrange your furniture right on the blue prints until you are certain the wall space, fixtures, doors and base plugs are as you want them. To aid in your home building McKinney will gladly send a set of these plans. Just write.

McKinney Manufacturing Co.
PITTSBURGH, PA.





Residence of Frederick A. Shick, West Bethlehem, Pennsylvania. C. E. Shermerhorn, Philadelphia, Pennsylvania, Architect. Roofed with IMPERIAL *Closed Shingle Tiles in Dull Green.*

The Best — Yet the Most Economical

ALTHOUGH IMPERIAL Roofing Tiles are the aristocrats of roofing materials, their eventual economy removes them from the class of building luxuries. Money put into a roof of these tiles is merely invested—not spent.

The use of IMPERIAL Roofing Tiles assures life-long beauty and protection without a penny of upkeep expense. When in the end it costs much less to have the best, why not give your home that air of distinction which tiles alone can impart.

Numerous beautiful color plates of distinctive tile-roofed residences are contained in this elaborate brochure, "The Roof." It may give you many helpful ideas for that home you plan to build. Sent for 25c in coin or stamps to cover postage and handling. Address Ludowici Celadon Co., Room 1121, 104 South Michigan Avenue, Chicago.



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104 South Michigan Avenue · *Chicago*
565 Fifth Avenue · *New York*



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STP
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Look for this trademark on the back of the goods

Styles for every room in the house

Plain and Pastel Flat Finish

Decorative Flat Finish
conventional and foliage patterns, neutral toned designs of vague formations, stripes, mottled effects, and reproductions of tapestry, grass-cloth, leather and various fabrics.

Brocade and Metallic Finishes
in embossed effects for paneled treatments and trimmings.

Enamel Finish
plain colors, tile effects and decorative patterns, for kitchens, bathrooms, etc.

SANITAS
MODERN WALL COVERING

Like a great hand raised up against wall cracks

IMAGINE some great, invisible, tireless, restraining hand constantly holding your plaster walls in place—a hand made up all of fingers, nearly three thousand of them crisscrossing in each square yard, gripping, tugging, pulling back when cracks begin, keeping many from even starting. That's just how SANITAS Modern Wall Covering helps to keep your walls firm. Incidentally, SANITAS is an additional insulator. It is a paying investment, not an expense.

SANITAS is a modern material, a distinctive decoration, made on cloth, with a ready-painted surface that does not let the weave show through. SANITAS does not crack, tear, peel, blister, or fade. It can be hung on new walls as soon as the plaster is dry on old walls when the cracks have been filled, and over modern plaster-boards.

The special oil-color surface can be wiped clean and fresh with a damp cloth. And all that the damp cloth *does* wipe off *is* the dirt. The bright, durable colors are there to stay. You can have beautiful SANITAS styles for every room in the house, not just the bathroom and kitchen. It is the ideal wall covering to use where there are children in the home. Whatever style you use, it is the same as all the others in quality, construction and guarantee—only the finish is different.

Ask your decorator to show you these new Sanitas styles.

Write to us for samples and descriptive booklet.

THE STANDARD TEXTILE PRODUCTS CO.,
320 Broadway, Dept. 21, New York

When you visit Atlantic City, see the Sanitas Exhibit at 1410 Boardwalk, Central Pier.

A Beautiful Woman deserves a Beautiful Home—

A lovely woman, like a precious gem, looks best when in the proper setting. A cheerful, attractive, well-painted home is to a beautiful woman what a Tiffany setting is to the finest diamond.



KEEP your home bright, cheerful and inspiring with Devoe Paint and Varnish Products—the oldest, most complete and highest quality line in America.

Look for the sign of the Devoe Authorized Agent in your community! He will give you advice on paint or painting worthy of Devoe's 171 years' experience.

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LINCOLN



Among the many striking bodies, representing the latest thought of the leading designers for the Lincoln, is this smart two-window Berline by Judkins.

LINCOLN MOTOR COMPANY
Division of
Ford Motor Company

"And hie him home, at evening's close,
To sweet repast and calm repose."
—Thomas Gray.

Tide Water Cypress
"The Wood Eternal"



FULL PLANS FREE

SECURE IN COMFORT because

"He who looks before he leaps
Builds of Cypress and builds for keeps.

"Cypress for every outdoor use
Seems Weather's wear and Time's abuse.

"It DOESN'T ROT, *nor twist, nor swell;*
It lasts, and LASTS, and LASTS—as well!"

CUT THE BUDGET

for the up-keep of your new Cypress Colonial Home by being sure that the Cypress you use is *true "Tidewater,"* from swamps not over 200 miles from the sea. You know "it's repair bills that eat the holes in the bank account."



Avert them by insisting on *trade-marked* Cypress, the "Wood Eternal," *& no substitutes.* You should have a copy of *Vol. 44.* "It's a classic in its field." Complete Working Plans Free.

192 pages. 96 pictures. Double Plan Sheet Supplement. Full Specifications for Entire House and Equipment. Also 3-sheet Special Colonial Art Supplement by a famous artist. Entire book exclusively devoted to "Cypress Homes." Write.

SOUTHERN CYPRESS MANUFACTURERS' ASSOCIATION

1210 Poydras Building, New Orleans, La.
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Insist on Trade-marked "TIDEWATER" CYPRESS. Accept no other.



Lifetime Saving of Fuel and Protection from Dust, Drafts and Rain

Now the Convenient Time to Install

Chamberlin Metal Weather Strips are guaranteed for the life of the building. All year round, they are saving and paying for themselves—in fuel, labor and protection against dust, dirt and draughts. They are a lifetime investment, paying their cost over and over again.

Prevent Damage from Heavy Rains

They keep out dirt, dust, soot, and rain. They protect health. Save household labor. Keep homes clean. Protect furnishings and keep wall-paper and decorations fresh and new.

Windows operate more easily, too. They cannot rattle or stick with Chamberlin Strips.

And in heating months, homes are kept warm on from 25% to 40% less fuel.

All Done By Our Own Experts

Chamberlin's own experts fit and install all Chamberlin Metal Weather Strips. It is specialized work requiring special tools and equipment. You cannot expect just any "good mechanic" to make satisfactory weather strip installation.

It is the reason Chamberlin maintains a nation-wide organization of experts in this specialized work. It is also the reason Chamberlin guarantees all installations for the life of the building.

CHAMBERLIN

Metal Weather Strips and Door Bottoms

Chamberlin Door Bottoms enable you to admit fresh air to bedrooms or any part of the house while closing all other parts against draughts. They prevent escape of cold air, dust and dirt from basements. Keep out laundry and kitchen steam and odors. Operate automatically when fitted to either outside or inside doors. Do not interfere with rugs. They are inexpensive, installed separately or in conjunction with Chamberlin Metal Weather Strips.

Chamberlin Metal Weather Strip Company
Detroit, Michigan

Send the Coupon

Chamberlin Metal Weather Strip Co.
1644 W. Lafayette Blvd., Detroit, Mich.
I would like to have estimate covering the cost of installing Chamberlin Metal Weather Strips in my home
Other Bldg. Church Number of Windows
Chamberlin Inside Door Bottoms—
Number of Doors
Name
Address
City and State
Use Dept. for Reference



Pyorrhea is a disease of the gums—*not* the teeth



That's one outstanding fact everybody should know. And if everybody *did* know it, the number of Pyorrhea's victims would soon be greatly reduced.

You may take splendid care of your teeth—brush them several times a day—and still get Pyorrhea. Once Pyorrhea secures a firm hold, pus pockets form, gums become weak and flabby, the teeth loosen and fall out no matter how white and sound they may be.

Forhan's means healthy gums

It contains the right proportion of Forhan's Astringent, as used by the dental profession in the treatment of Pyorrhea. Forhan's protects and preserves the gums, keeping them in a firm, pink, healthy condition; cleans and whitens the teeth, and keeps the mouth sweet, fresh and wholesome. If you don't care to discontinue the tooth paste you are now using, at least brush your teeth and gums once a day with Forhan's.

Forhan's is more than a tooth paste; it checks Pyorrhea. Thousands have found it beneficial for years. For your own sake ask for Forhan's For the Gums. All druggists, 35c and 60c in tubes.

Formula of R. J. Forhan, D. D. S.
Forhan Company, New York



Forhan's
FOR THE GUMS
More than a tooth paste—it checks Pyorrhea

COUNTRY HOUSE BEDROOM

(*Continued from page* 158)

and use a cool gray carpet. Use small figured green chintz at the windows and trim them with narrow ruching of the gray. Cover the furniture with a green lattice linen, and paint the furniture, which might include a little low pair of beds and a low bureau, a good bright green. For the beds use gray sateen spreads with a bolster case of the green. If one does not want an all-green room, try over-curtains of the lattice linen made to the floor and watermelon pink draw curtains beneath, using the plain green, corded with the pink, on the furniture.

A high room with small figured blue-green paper and bottle green carpet has an orange figured sateen curtain and bed drapery and the furniture is black with a green stripe.

I've planned several green rooms because it is a good country color and a good guest room color.

BLUES AND MAUVES

A delicate, refined and graceful bedroom has pale blue tinted walls, with white woodwork, the window cases being painted mauve. At the windows hangs a soft percale of light lavender strewn with white stars. The edge of the curtains has two rows of light blue trimming, curving around the bottom, and the curtains are looped back. The same materials are used on the spreads for the beds, which are simple little four posters painted blue. It is used on a small comfortable rocker covered to the floor, and in the corner is a built in dressing table draped in the mauve stars. That is practically all the furniture. A cheap little white glass lamp has a shade with a flower print of Delphinium tints—white and blue—the two colors used in the room.

Another bedroom has a white wall paper with a nasturtium design, and the orange chambray curtains are bound with yellow, the same color as is used to paint the beds. Under the two high windows are a single b shelf in maple and on either side of beds are whale oil lamps in am glass. The painted floor is gray w a gray rug and the baseboard is sp tered in orange, yellow and black gray.

A Chinese patterned paper wit bright yellow background is harm nious with green sunfast organdie c tains with three ruffles of yellow, gr and rose organdie, sheer enough blend together. The dressing ta matches. In front of the tiny soa stone fireplace is a little *dorme* painted green and yellow and uph stered in rose. Slender lacquer bla beds and a wicker chair with a Cl nese design in the back recall one the design of the paper. The floor painted green but in front of each b is a small real Chinese rug, and front of the fireplace is a black wool one.

FOR THE GIRL'S ROOM

For the girl who is just beginnin to choose and discard, that interestin age trying to the parents, but of mo interest to the young person herself a soft pinkish paper with a design i grays, small birds on swinging limb gives a good opportunity for com binations—rose with blue edgings o gray with green edgings. And whit and gray furniture with a real day bed on which to fling oneself down This is rose rep, slip covered. Or th color combination could be pink an gray and plum, using the bird pape on the pink ground. A gray rug, plun curtains and plum daybed cover.

Bird papers are often lovely, but b sure the bird sits. Nothing is mor tiring than a butterfly paper—restless things. (On every French print it i always foolish husbands who are oft butterfly chasing!) Also avoid papers with flowers that grow in pots. They never grow, and in a country garden that spells tragedy!

HEDGES IN MANY MANNERS.

(*Continued from page* 92)

annuals. The hedge, however, still performs its all important function of enclosing, sheltering, and so unifying the whole.

In America our earliest use of hedges was not for accenting of line in our gardens, nor for enclosure, but as edging for the now famous box parterres of the southern gardens. This idea came originally from England where it was in vogue as a detail in the general garden scheme, but upon being transplanted to this country it developed into a thing in itself giving us such charming examples as the parterre at Hampton, Maryland, which is rectilinear in design, and the charmingly irregular box gardens at Mt. Vernon where the beds are in the form of hearts, spades, clubs, and other quaint figures.

In the American gardening of today we may draw from all three sources in our use of hedges. This is particularly true on the suburban place, where space has to be economised and where the hedge of moderate size will serve the purpose served by the shrub border or forest screen on a larger property.

Instead of enclosing merely the garden in a hedge we frequently wish to enclose the whole property, giving it privacy, definiteness, and bringing it together into a single entity or unit. Right here arises a very absorbing question. Shall we or shall we not include the front lawn or foreground area in this enclosure? The answer to it reminds one of the old lady who kissed her cow—"It is all a matter of taste,"—said she. Our opinion is that on the small place, where the living rooms must face the street, that a low hedge or shrub border is desirable but that if the living rooms look into the side or rear yards we should leave the fore-ground open, (and get our neighbors to do likewise) thus transforming the street into a wide, verdant forest glade. If you have ever noticed such a street, with perfect, unobstructed lawns, and big old trees you will know how much more alluring it is than one where each property is enclosed by a hedge of varying height and condition of trimmedness, and where

(*Continued on page* 164)



...u Can Cook ...ith the Gas Turned Off!

...Chambers Range, with its patented Thermodome and Insulated Oven, ...eves more than the saving of half your usual gas bill. *Cooked with the heat ... waste*—your food is prepared deliciously, with rich natural juices and ...ept in. And for the woman who does her own work, the task of cooking ...ned in a way that is impossible with any other equipment we know of.



...0 Minutes Gas for a Full Meal

...to roast, or bake, are placed in ...ambers Insulated Oven. Food ... boiled, or stewed, is started ... in the usual way under the ...dome over the open burner. ...w minutes *the gas is turned* ...d all cooking processes are ...ted without further care or ...on. A full meal, including an ...ound ham, can be cooked with ... minutes of gas. And the meal ...pleted just as quickly as it would ...h an ordinary range with the ...nstantly burning.

A New Era in Cooking



...Efficient Kitchen

As it cooks with the heat wasted through radiation by the ordinary range, the Chambers keeps your kitchen de...lly cool and pleasant. At any ...uring the period in which the ... burning, the bare hand can be ... on the outside walls of the ...bers Insulated Oven. And after ...s is turned off, you are free to ... the house for entire afternoons ...he knowledge that your return ...d your dinner deliciously cooked ...ady for serving. There is no ...r of burning or over-cooking—...neals keep warm indefinitely. ... the Chambers Range, one thou... extra hours a year are released ... kitchen drudgery.

Patented Features



The Chambers Range stands conspicuously alone in the progress it marks in kitchen management. Its special features are protected by patent. The turn of the handle that shuts off the gas lowers the Thermodome into position, or closes the vents in the Insulated ... and starts the process of cook...ith *retained heat*. There is noth...o be adjusted—nothing to get ...of order—nothing to worry about ... you are away from the kitchen.

Scientific Approval

The value of the Chambers Thermodome and Insulated Oven has been demonstrated in many tests. As a result of these tests, the Chambers Range today enjoys the public endorsement of the four leading domestic science institutes. With it you can do anything that can be done with any other modern gas range. But no other range can offer the advantages of the patented Chambers Features.

Greatly Reduced Gas Bills



The Saving on Gas Bill Helps to Pay for a Chambers

The big saving on gas bills, and our convenient payment plan, make it easy for you to replace your present equipment with a Chambers Range. Such replacements have been found profitable by many women who had not really been planning on the purchase of a range. There is a Chambers Model, finished in all white, or in black and white, that exactly meets your requirements and conforms to your kitchen floor plan.



A Chambers Perfects Any Home

Free Booklet

Send the coupon today for our booklet: "Cook with the Gas Turned Off!" It explains in detail what a Chambers Range can mean to you in better cooking, freedom, efficiency, and economy.

CHAMBERS MFG. CO., Dept. E-5
Shelbyville, Ind.

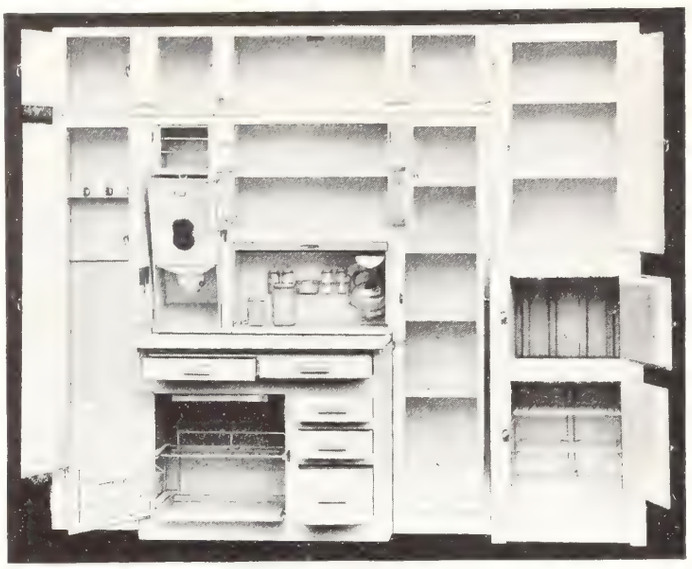
Chambers FIRELESS *Gas Range*

COOKS *with the* GAS TURNED OFF!

Chambers Mfg. Co., Dept. E-5, Shelbyville, Ind.
...[illegible] with the ...[illegible]

KITCHEN MAID

STANDARD KITCHEN UNITS



Unit Kitchens—to fit your individual taste

While Kitchen Maid units are standardized, the kitchens which you equip with them give the widest play to individual preference. Do you prefer everything along one wall? You may have it so. Do you prefer your kitchen cabinet and china closet here—your broom closet over there—your refrigerator in another place? That, also, is your privilege. Every unit is complete in itself. Use it alone—or group it with others into a wonderfully complete combination. Each unit is a splendid example of skilled cabinet-craft; a Kitchen Maid Unit kitchen costs no more to equip than it would cost with old fashioned cupboards. Send the list below for complete facts.

WASMUTH-ENDICOTT COMPANY
1250 Snowden Street, Andrews, Indiana
In Canada, Waterloo, Ontario

Please send me information regarding the units checked:

- ☐ PULMANOOK, consisting of table and 4 seats folding into wall. For alcove [ ]; for any kitchen corner [ ].
- ☐ COMBINATION 210-X, with refrigerator, consisting of cabinet, broom closet, dish closet, and linen cupboards to set against wall.
- ☐ IN-A-WALL IRONING BOARD, folding into wall when not in use.
- ☐ BROOM CLOSET, to set in any kitchen [ ]; to be built into wall [ ].
- ☐ DISH CLOSETS, LINEN CUPBOARDS, to be set in [ ]; to be built in [ ].
- ☐ IN-A-WALL TELEPHONE SEAT.
- ☐ KITCHEN MAID KITCHEN CABINET.
- ☐ DIVIDER CUPBOARDS, to be used to separate breakfast room from kitchen.
- ☐ REFRIGERATOR.

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STANDARD UNIT SYSTEMS

REPRESENTATIVES IN ALL PRINCIPAL CITIES

When Dreams Come True



Chief among her treasures will be the grateful comfort, the charm of lovely color and the enduring worth of

KENWOOD PURE WOOL BLANKETS

BEAUTY *and* COMFORT *are* WOVEN IN

One need but see a Kenwood to appreciate its evident quality. Its very appearance is assurance of luxurious comfort.

And yet the STYLE and exquisite beauty of Kenwoods are but the visible signs of their superiority.

For Kenwoods are woven of ALL pure, new wool only; are pre-shrunk to hold shape and size when washed. Their long, soft, fleecy nap does not easily wash or wear away. Their colors are from the most permanent dyes. They give extra warmth in proportion to weight and will be in service long after ordinary blankets must be replaced.

Fourteen decorative patterns and colors to choose from, in 72 x 84 for double and 60 x 84 for twin beds. Ends bound with wide, lustrous satin ribbon.

You surely will want the distinction of Kenwoods in your own home. They are most appropriate in the Summer Home or Camp, where their soft color is delightfully appealing.

Kenwood Blankets, Baby Blankets, Slumber Throws and Blanket Bath Robes are now on exhibition at leading Department Stores and Gift Shops.

Our Comfort Catalog, printed in color, shows these and other interesting Pure Wool items. Sent with name of the nearest Kenwood Dealer on request. Please address Department H.

KENWOOD MILLS, ALBANY, N. Y.

KENWOOD MILLS LTD., Arnprior, Ontario, Canada

KENWOOD

WOOL PRODUCTS



Japanese Privet, being practically evergreen and dwarf, makes an ideal low clipping plant. Here it lines a path in the grounds of the Newark (N.Y.) Country Club

HEDGES IN MANY MANNE

(Continued from page 162)

naught is left for the gaze of the passer by, but asphalt and concrete.

Many suburban streets, however, are very narrow, heavily traveled, and the houses set in close proximity to one another in small plots. In such a case a hedge is practically a necessity, for we must have privacy, and there is insufficient room for any other type of planting.

The common species used for this purpose are California Privet *(Ligustrum ovalifolium)* and Japanese Barberry *(Berberis Thunbergii)*. These are both good within their limitations, but these limitations do effect their universal use. The California Privet is not always hardy north of New York City; it forms large thick hedges which cannot be kept within bounds indefinitely; it is a husky grower, needing frequent pruning; and it is a greedy grabber of plant food. The Japanese Barberry forms a smaller hedge, but grows so wide that it is apt to be too much of a space eater for small properties. To look its best it should be as broad as it is high. It also becomes thick and woody and then it is very ugly. Its thorns are a constant trial to the owner who has to fish out wind blown leaves and papers from its tangled masses.

Where a fairly tall hedge is desired, four feet or more, and California Privet does not meet the requirements, Ibota Privet *(L. ibota)*, or Amur Privet *(L. amurense)* is very satisfactory. Hardier, finer in texture, and not as fast growing, they form really beautiful boundaries which can be kept in the desired shape for years. Regel's Privet *(L. ibota regelianum)* is a smaller, more drooping variety of Ibota, and as such has certain advantages over its parent. It is quite amenable to shade and thrives well along the sidewalk under trees.

HAWTHORNS AND BEECHES

Effective high boundary hedges may be secured by the use of the Cockspur Thorn *(Crataegus crus galli)*, the American cousin of the famous Hawthorn of the English highways (*C. oxyacantha*). This makes closely hedges well supplied with thorn beautiful white flowers followe attractive red haws. Unfortunat is somewhat slow in becoming lished, and it does not relish too clipping. The various Beeches, lish, Purple, Fern-leaved, or Co all make excellent large hedges as as the American Hornbeam *(Car americana)*. They have inter foliage, good twig character, an very hardy.

American Hemlock, Arborvitae White Pine make excellent everg hedges but perhaps are a little e for boundary line planting. The long in the more intimate portion the property.

In the garden the hedge displa greatest versatility—as an encl for the whole; as an edging for and borders; or for parterre wor is without doubt the most fini landscape form, combining as it the green of Nature with the defi lines of architectural walls and f

CONIFEROUS HEDGES

For large hedges Hemlock s supreme. Its texture is fine and fe ery; it is compact, slow growing a hardy evergreen. Its roots do not nourishment from adjoining beds, it will stand any amount of clippi Next to Hemlock and running a c second is the White Pine, which pruned by pinching back the growth in June can be restrained many years. It needs, however, m room than Hemlock. White Spr makes an ideal hedge for north climates. It is not happy in the summers of Long Island, and the c from there southward. Douglas makes a good hedge but it is a bit rapid in growth. The other Spru and Firs are not easily adapted hedging purposes. The common Cedar makes admirable hedges o more formal nature for garden minations and backgrounds. Un tunately the foliage is apt to bec thin and sickly, due usually to

(Continued on page 166)

Consult Specialists in Water Supply



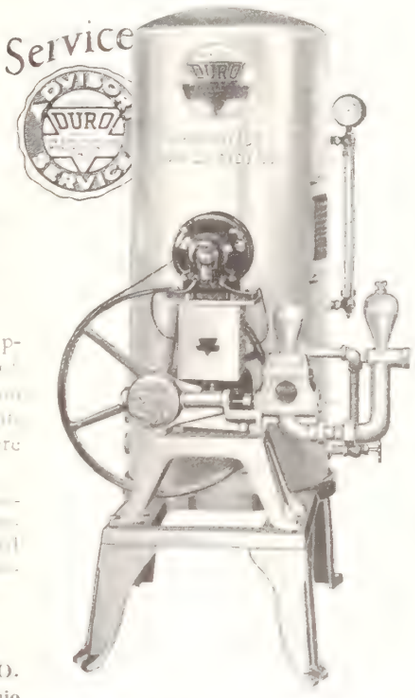
IN CITIES, Duro Water Systems are used to supply water for homes from artesian wells, cisterns and lakes. In rural districts, they have replaced the back-breaking hand pump and the old well-sweep.

Farms, orchards, market gardens, dairies, country clubs, even factories and small villages, are securing the equivalent of city water service with Duro Water Systems. Wherever there is need for water under pressure, there you will find enthusiastic Duro users.

Duro Systems are supplied complete, ready to install. They have many important features that are the result of years of research and specialization in home water supply—features that insure quiet and enduring operation under difficult conditions.

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you attempting to solve our own perplexing water problems?

you hesitating to install! dern automatic water sys- or water softener because me uncertainty?

onsult specialists in water sup- Duro is an organization of alists. No matter where you or what your requirements be, Duro can help you. There obligation.

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Simply write for FREE CONSULTATION BLANK

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DURO Water Systems



One of the many methods of walling in masonry
Walter McQuade, Architect

Tudor Stone Roofs

The Roof, which is one of the most prominent features of a house, must be designed artistically and harmoniously to obtain the best architectural effect.

Every Tudor Stone roof is individually designed and specially quarried for the house upon which it is to be laid. The finished effect is predetermined, age and time merely improving and mellowing the colorings of the slate, and hence the appearance of the roof. Every Tudor Stone roof is, moreover, weatherproof, fireproof and everlasting.

Our Architects' Service Department, under the direction of Mr. Walter McQuade, a practicing architect, will gladly cooperate with you and your architect in planning a Tudor Stone Roof. We shall be pleased to send you upon request a copy of our illustrated booklet which fully describes our service

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Sales Office and Architects' Service Department: 101 Park Ave.
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BOSTON PHILADELPHIA CHICAGO



The New Sheridan Hotel at Cudahy, Wis., where Monarch Strips installed by Edw. T. Ver Halen, Monarch licensee at Milwaukee, at a total cost of $373.00, saved $361.82 on coal bills in one year.

Up where the North begins

Monarch Strips cut coal costs $361.82 —*the first year!*

Storm sash on the windows! A roaring fire in the big furnace! $970.31 worth of coal gone up in smoke! Rooms cold and uncomfortable when the thermometer outside hovered around zero!

There you have the story of conditions at The New Sheridan Hotel at Cudahy, Wisconsin, the year *before* Monarch Interlocking Metal Weather Strips went on all windows and doors.

But the first year Monarch Strips were installed, those hard-to-heat rooms were made snug and warm though the outside temperature dropped to 19 degrees below zero at times and the wind frequently reached a velocity of more than 35 miles per hour, as Government weather reports prove. The storm sash was discarded. And coal costs dropped $361.82.

Now the owner writes: "Before we had your weather strip put in, we had storm sash on the most exposed sides, but found it impossible to keep a uniform temperature in all rooms when the weather was severe. Now we find it easy to keep an even temperature of 70 degrees throughout and have discarded the storm sash entirely. You can see for yourself what our fuel saving has been as indicated by the enclosed fuel bills for the year before and the year after your weather strip was installed."

Monarch Strips are the only two-member interlocking metal weather strips made. They are the only strips which give and take with the sash as it swells or shrinks. They not only bring snug comfort and reductions on fuel costs no other strip can equal, but they last as long as the building in which they are installed, and always work as well as when new.

All the Facts—FREE

Now, while warm breezes blow and next winter seems far away, get the whole story of weather strips. Find out why old-style weather strips defeat the purpose of your heating plant and send fuel costs climbing—and why only Monarch Interlocking Metal Weather Strips control air leakage thru windows and doors and save fuel. All told in that interesting free booklet, "Only ⅛ of an Inch." Clip, fill in, and mail the coupon for your copy—NOW!

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METAL WEATHER STRIPS
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Please send me free estimate for weather-stripping (No. here)
.....windows and (No. here).....doors.
Also send free copy of your booklet, "Only ⅛ of an Inch."
Name.....
Address.....
.....

HEDGES IN MANY MANNE

(*Continued from page* 164)

presence of red spider. This pest can usually be discouraged by spraying the hedge with a strong force of water. American Arborvitae, and its variety the Siberian makes perhaps the best hedge of all the compact evergreens. Of naturally solid and pyramidal shape it needs but little attention, and if left entirely alone makes a hedge of interesting bumpy contour.

For smaller, and more delicate evergreen hedges the Japanese Yew, both spreading and upright forms; the Japanese Hemlock *(Tsuga diversifolia)*; Swiss Stone Pine *(Pinus cembra)*, which is a small compact edition of the White Pine; and Mugho Pine, a dwarf, many branched plant, are available. Japanese Holly *(Ilex crenata)*, and in the South English Holly *(I. aquifolia)*, and the Spindle Tree *(Evonymous japonica)* are also very fine. All have glossy holly-like leaves. Nursery grown plants of our native Inkberry *(Ilex glabra)* make a Boxwood-like hedge from eighteen inches to three feet in height. It is, by the way, much less expensive than true Boxwood.

FLOWERING SHRUBS

Among the shrubs and small trees for garden hedges all those mentioned for boundary hedges are adaptable as well as many others. The Arrow-wood *(Viburnum dentatum)* makes a fine graceful and informal hedge, particularly so for it has a fine foliage and interesting black berries. Spirea Van Houttei if left untrimmed makes a broad graceful hedge about eight feet high. Japanese Quince is less graceful, but its fine foliage and gay flowers add a charming note to the garden. It should not be clipped but merely thinned out to maintain control over it. Lilacs, particularly the Rouen variety *(Syringa chinensis)* are admirable for large hedges.

Among the smaller shrubs which make excellent deciduous hedges for the garden are *Deutzia gracilis*, *Xanthorhiza apiifolia*, and *Viburnum opulus nana* (a dwarf form of the High Bush Cranberry). These all make hedges which can be restrained to a foot in height. Box-barberry and bodense *(Ligustrum nana compacta)* are also becoming quite widely known and are taking their place for small hedges.

For parterre work and the smallest border hedges which must remain compact and dense nothing compares with dwarf Box *(Buxus suffruticosa)*. There are several other species of Box which are fair substitutes. *Buxus sempervirens* is good but less hardy. *Buxus rotundifolia* is hardy but somewhat coarser, although it is much quicker in growth and a lighter green in color. *Taxus brevifolia* makes a fine dark green and compact hedge. This is a slow growing form of *Taxus cuspidata* and is perfectly hardy. It can be clipped to formal lines or allowed naturally to take its picturesque and spreading form. Garland Flower *(Daphne cneorum)* makes a flat about two feet wide and eight high. It is evergreen and has cl of very lovely sweet scented pink ers. English Ivy *(Hedera helix)* a low hedge six inches high, a protected in winter will thrive north as Hartford, Connecticut. *phyllum buxifolium* makes a co hedge of Boxwood-like appe about one foot high by a foot It should not be clipped. *Iberis pervirens* or Hardy Candytuft m similar hedge which is particular tractive on account of the mas blue white flowers borne in flat cl in May. Incidentally this flower most brilliant, "whitest" whit garden affords as it contains no y to tone it down.

It may seem that any discussi hedges should dwell at length Boxwood, for who does not know it is the noblest of hedge plants? fectly true; but because about t years or so ago a great many p woke up simultaneously to this and proceeded forthwith to corne market, buying up all the old hedges along the Eastern seab since then, we say—how is one t Boxwood big enough to be a hed his lifetime? The answer is tha must look for substitutes amon Hollies and Yews and be content seeing Boxwood from afar—o spending a fortune at some nurser a few homeless plants, torn from ancestral home on the James or mac. When we realize that Box grows but a couple of inches a yea begin to reverence the mighty h of Mt. Vernon and of other ga of former days, when planting thought of in terms of many y and not of a few short seasons.

HEDGE CARE

In conclusion a word about the of hedges. Since the plants that g make up a hedge are planted cl together than they normally w grow, and since by virtue of t characteristics as hedge plants they usually husky growers, they need ticularly large amounts of food water. Do not hill up the soil al the hedge. If you do, all the w will run away and the plants suffer from thirst. Rather, leave ground level and so let the water in to the roots. In the fall, spad a goodly supply of manure along sides of your hedges, for decidu shrubs and trees, and for evergre humus, peat or leaf mold.

Deciduous hedges can be clip whenever necessary to preserve t appearance. Shrubs used for infor hedges such as Spirea and Viburn and the like should not be clip but should have the old wood thin out from the bottom in order to serve their shape. Evergreen he should be clipped in June, after first growth has been made, and e cially before the second growth s which is usually in August.



Roof in Hand-Adzed Shingles of Cabot's Creosote Stained Shingles
Cypress wall shingles, brick chimney and foundation in Cabot's Double-White
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The Standard Red Cedar Shingles: All Cabot's Shingles are selected stock Pacific Coast Red Cedar, made under the most exacting specifications of the Shingle Associations. Sound lumber, straight grain, non-warping, uniform, durable and full count.

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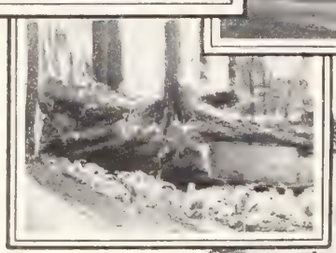


Three buried Redwoods— and that house of your



Annual rings of trees growing over this Redwood show it has lain on moist ground over two centuries. It is sound, free from decay or even worm holes.





Trees have grown over this buried Redwood for 350 years. But the cut into the old Redwood shows clear, sound wood fit to be sawn into the finest grade lumber.



Over this 1000-year-old Redwood, trees close to 200 years old have grown. Yet the cut shows the buried Redwood sound and free from decay.

THESE fallen Redwoods, with big trees 200 to 350 years old growing over them, are worth reading about before you buy lumber either for new building or for repairs. Lying on moist ground, they have been slowly covered over with moss and mold and forest debris. Yet when they were cut into the fibre was as bright and strong as the wood in live trees just cut down.

The same *natural* preservative which prevented decay and kept worms out of these old trees that were lying on the ground when the Pilgrim Fathers landed at Plymouth, makes Redwood lumber exceptionally rot-resistant.

Siding, clapboards and shingles, cornices, porch columns, balusters, railings and finish, mudsills, foundation timbers, pergolas, rustic work, summer houses, greenhouses and garden furniture, window and door frames—any lumber or millwork that is exposed to moisture or weather—will last a lot longer in first class condition and cost less for repairs if you insist on having genuine TPL Co. California Redwood.

Grade for grade it costs little more than woods that cannot compare with it for rot-resistance. Your lumberman can supply Redwood promptly.

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◆ ◆

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Care in selecting the proper grade of oak flooring repays its cost to the owner many times

ERSPECTIVE is the basis of [illegible] criterions. Prudent use of [illegible] enhances the beauty your furnishings, your walls, pictures and hangings.

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ou can easily recognize "Perfection" oak oring. The surface has a velvety lustre. The boards are so rfectly joined that you see only a change in pattern. The der it is, the more its beauty appeals to the eye.

nly the best lumber dealers carry "Perfection". We will be eased to give you the address of the one nearest you. A copy "The Overlooked Beauty Spots in Your Home" will be sent u with our compliments.

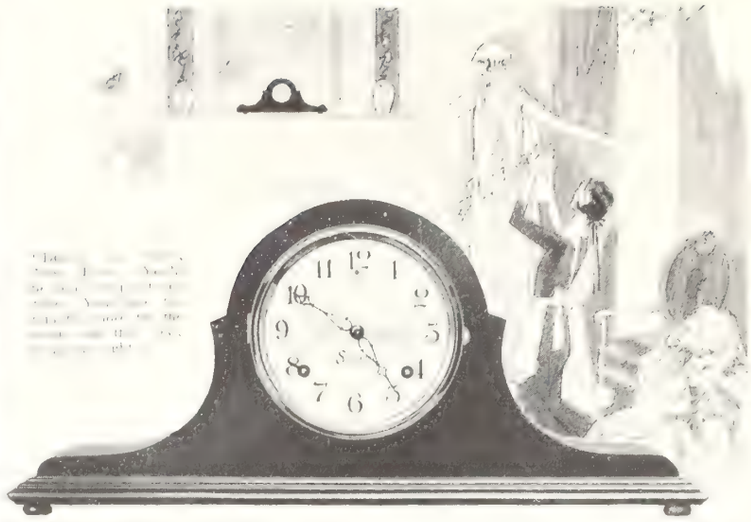
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'PERFECTION'

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Trust a Sessions and you'll always be on time

THIS [illegible] Dept. A [illegible] dial, graceful scroll hands, gold [illegible] Price, $19.00



FIFTEEN [illegible] gold plated each. Eight day. Without strike, $24.50. With [illegible] $26.00

". . . I don't know how we ever got along before we had our Sessions Clock. But now, we are always on time. We cited trolleys and trains as to [illegible] us accused to miss them. We meet all appointments. The children reach school on time. My husband is on time at his office. We go to church on time on Sundays. As individuals and as a family we are happier and more comfortable because we always know exactly what time it is . . . ."

Handsome designs

It is a great pleasure to show you among our present models many of the designs which our grandmothers and great-grandmothers loved, practically unchanged since their day, and as lovely as ever. In others you will notice changes which modern ideas of decoration have introduced. And many belong entirely to the modern period.

You may choose tambour, banjo or Colonial clocks for wall, mantel, desk or dresser, in solid mahogany or mahogany-finish, suitable for every room.

Compare with museum pieces

It would be interesting for you to compare our clocks with the almost priceless ones you find in museums. There is no better way to appreciate Sessions beauty. And when you remember that their charm is seconded by their accuracy as time-keepers, you can readily understand that such a comparison never fails to make one surprised at our low prices.

Mellow, floating tones

We have recently applied for a patent on a new "chime stand"—the piece which holds the chime rods, because we have discovered a way to make the tones sweeter and more prolonged. There is no harshness or hurry when they mark the hours. Clear and sweet, the tones seem to float in the air with a homelike sense of security and comfort, of peace and beauty, very delightful to hear.

A glimpse in "Friendly Clocks"

You will find Sessions Clocks at stores noted for their good taste and good values.

"Friendly Clocks" is the title of a little book that will give you a glimpse of our models. We will gladly give you a copy free. Send us the coupon below and we will mail one to you at once.

THE SESSIONS CLOCK CO.

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DEPENDABLE TIME

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Please send me "Friendly Clocks" and [illegible] Name

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The WHITE HOUSE Line.
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SECTIONAL UNIT
STEEL DRESSERS



efficient, durable, sanitary

THE Home Builder is ever seeking quality and durability. Be assured of both in your kitchen and pantry by using WHITE HOUSE Units, which have beauty distinctly their own, that sets them apart from all other steel construction.

The combination pictured consists of our No. 50 Dresser, 26 in. Side Unit and 26 in. Broom Closet, filling a space of 8 ft. 6½ in. Many other combinations may be made from our standard units. All in shining white enamel finish.

Booklet sent on request, or we would be glad to make suggestions for the use of WHITE HOUSE Units if you will send us your plans for sketch and estimate. If convenient, a visit to our showroom at the address given below will give you many new ideas.

JANES & KIRTLAND
Est. 1840
133 West 44th Street, New York

LEADERS, GUTTERS *and* FLASHIN

(*Continued from page 94*)

New Orleans, a few of the old courtyards show the great wood cisterns still in place, water being too near the surface down there for the house supply to be stored under ground in a brick or cement cistern.

With the gradual passing of the Gothic influence in English house design, the rich lead work finally passed out and roof drainage became a more and more unembellished feature.

Of recent years with a very limited and "studio" revival of English lead work, the richly ornamented leader box, gutter and down spout has come into use again on such houses as can afford this luxury. What we are seriously needing today, however, is not the "studio" product alone, but also a supply of well detailed stock material in sheet metal which can be had at moderate cost. The sheet metal workers are realizing this need, and attention is gradually being given to design.

It is obvious that the same quantity of metal which goes into a crudely shaped hung gutter, leader or leader box, would suffice for making a carefully designed product.

These improvements in design are slow to be undertaken by the manufacturer. He easily sells crudely designed material, so he feels that it is unnecessary to indulge in the very small expense which the services of an able designer would stand him.

There are two basic types of gutters generally in use with us. The least costly of these is the hung gutter, in which the metal trough is exposed to view, placed on hangers, and forms the eaves line. The hung gutter is a frank and straight-forward solution for collecting the roof water, and has much to recommend it.

While the hung gutter is found on the most primitive sort of building, it must not be looked upon as an inferior sort of thing. It is capable of most sightly use, and is found upon much beautiful building today. The usual stock hung gutter has a half round section but moulded shapes as well may be had from stock.

In the other type, the "box gutter", the sheet metal trough is concealed behind wood or stone cornice members,—generally behind wood members in residential work. This gutter is in reality a metal lined wooden arrangement, and gives opportunity for delicate wood crowning members which we so commonly use on our "Colonial" and "Georgian" houses.

MATERIALS

We have a wide range of materials to choose from today. Soft lead, hard lead, lead covered copper, copper, zinc, and tin are some of the materials now available. All are used to a greater or lesser degree and the range in cost is about as here listed with tin the most moderate.

Each of these materials has its characteristic reactions when exposed to variations in temperature, and tin plate finds moisture unfriendly. The installation work has to be done with these reactions well taken into consideration or the result eventually proves a f

Soft or unalloyed lead sags ar not serve for horizontal membe as hung gutters unless furnishe almost continuous support from spaced hangers. In the larger p old English lead work where occur, they are set in on a ston and so had continuous support. this was not done, as occasional short lengths, these old gutters a sagged into festoons. Lead is ge used for such work as orna leader heads, leaders and wall st

"Hard lead" with its alloy o mony will stand up satisfactori not sag when unsupported as do lead. As yet this alloy is not i general use; its lasting qualiti are not yet fully determined.

Lead covered copper offers t bility of copper, and the colo vantages of lead. It is comin more active use, and in a large the excess cost over copper is no great.

COPPER AND ZINC

Copper stands exposure indefi it is easily worked and when pl place with its expansion and co tion habits taken into considerat gives most satisfactory results. lining box gutters, copper need careful installation, but for hun ters, flashings, leaders, and boxes, the expansion and contrac more easily taken care of. The zation of copper with exposur the resulting green is often a asset. If the green tone is not w the copper may be allowed to c slightly to a beautiful brown, an several coats of linseed oil gi keep this colour.

Sheet zinc is in use to some It expands and contracts actively best suited to parts of the c where there are but moderate tions in temperature. As with lea copper, zinc is most durable, pro it is not attacked by enemy leeched out of adjoining roof rials such as cedar and redwood gles.

Sheet tin, in reality sheet steel in tin, is perhaps the material generally in use for work of mo cost. If this material is well with tin and when being install heavily painted on the under-sid then given periodic painting on t terior surfaces, tin can be fairly able, but, these conditions are quently not complied with. Th smith has a tendency to skim painting on the under-side, an householder neglects the periodic ing, and waits for a leak as minder. Tin leaders can't well painted on the inside, so here a rusting material is most advisa it can be afforded.

When the home is built, both construction and appearances c furthered by attention to the metal work. Gutters, leaders, and boxes, well designed and of metal can trim up a very simple in a surprising manner and add g to its distinction.

feed your food FRESHENED AIR"

HILLED! The air is kept evenly chilled
LEAN! The air is kept sweet and clean
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Crisp, Tender Salads Kept Fresh and Cool

HOW delightful to serve a crisp, tender salad on hot summer days! he Automatic keeps salads crisp and nilled until served—keeps lettuce, cel-y, tomatoes, all other foods, fresh and holesome—helps make summer meals ppetizing. Clean, chilled air circulat-ig through the food chambers, is puri-ed by constant contact with the ice. ure, chilled drinking water is always ady in the built-in tank, an *exclusive* ature making your ice do double duty. he Automatic is finished in golden ash r pure white. White interior with ounded corners—no seams or crevices. versize food chambers, non-rustable elves. Tight-locking, hand-fitted doors. utside icing if desired. The Automatic dealer in your town helps you choose the right size for your home. Write for his name!



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The Automatic Scientific Air Circulation Keeps Lettuce, Celery and Tomatoes Fresh!

The AUTOMATIC

saves food — DOUBLE DUTY REFRIGERATOR — chills water

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USES LESS ICE

Watch for your dealer's "Food and Ice Saving Week" in May! Dealers—If you want to increase your refrigerator business write us!



Edham KOLORED Shingles

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YOU can express your individuality by using EDHAM KOLORED SHINGLES on the roof and sidewalls of your new home; 31 colors to select from—soft Silver Greys, rich Moss Greens, pleasing Bungalow Browns, deep Tile Reds and Colonial White, or the charming Variegated shades and tints.

The durable, rich colors are not obtainable by ordinary brush painting. The natural British Columbia Red Cedar shingle is taken direct from our dry-kilns, while hot and free from moisture, to the staining vats, while the pores of the wood are still open, ensuring full penetration of color. They are hand-dipped separately and individually in vats of the strongest color pigments, linseed oil, creosote preservatives and "binder."

Warping, cupping and curling are impossible, as EDHAM KOLORED SHINGLES are 100 per cent. Edge-grain. They will last as long as the house.

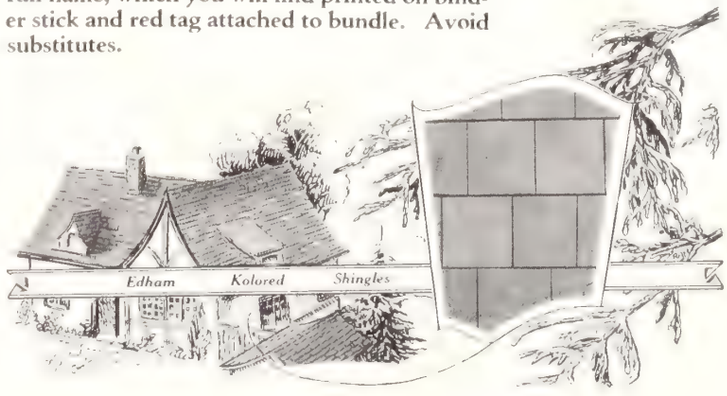
The first cost and the upkeep cost is less than that of any other building material for roof or sidewalls. Affording unlimited architectural possibilities, leading architects everywhere specify them. Your local lumber dealer stocks standard Greens, Browns and Greys in 16, 18 and 24-inch shingles. Specify them by full name, which you will find printed on binder stick and red tag attached to bundle. Avoid substitutes.

Write for free portfolio, "HOME, SWEET HOME," showing photographs and floor plans of attractive EDHAM KOLORED SHINGLE homes in well-chosen suburbs, or, if your old home needs new roof, exterior or remodeling, send a sample and we will send you a special sketch showing the architectural possibilities in beautifying with EDHAM KOLORED SHINGLES.

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A Distinguished Adaption

Padtek, a rare specia of East Indian mahogany, illuminates the panels of this Louis XVI dresser in alternate strokes of rich red and golden yellow. Walnut, greyish greened, frames and mantles these panels, while an interesting diamond of walnut burl gathers the strokes of the center one.

Here is a composition of color harmony Rembrandt might have conceived, but could have completed only by the aid of nature's handiwork in fine woods. Here is design of aristocratic contour with a character and beauty that would delight the old original designers from whose choicest work it was adapted.

This piece represents Garver achievements in creating bedroom furniture that transforms bedrooms from the commonplace. The best dealers have this and other Garver pieces and suites, or can arrange for them to be shown to you.

THE GARVER FURNITURE COMPANY
[illegible] CITY, OHIO

GARVER
BEDROOM FURNITURE



The corner cupboard above with its fine paneled doors is in the home of Mrs. Dunbar Ballitt at South Deerfield, Mass.

CORNER CUPBOARDS

WITH the revival of the early American decoration and the wide interest in Colonial furniture of all kinds, the corner cupboard is having a vigorous revival. While this piece of furniture is found in practically every scheme of decoration it is most intimately associated with the sturdy interiors of our forefathers. Collectors are ransacking the country for early pine and maple cabinets, as well as painted pieces, to meet the demand of the myriad living rooms and dining rooms that stress this type of decoration.

On this page are shown two distinct types of corner cupboards. The cupboard in the picture at the top, with its quaint H shaped hinges, is an unusually beautiful example of a cabinet with solid paneled doors. Because of the simplicity and beauty of its lines it lives most happily with the French arm chair on the left covered in old needlepoint, and with the sturdy table at the right covered in a piece of colorful brocade.

The other cabinet shown below is more sophisticated in character than the cupboard above. It is mahogany with interesting paneled doors in the lower part and a beautifully designed glass door above with graceful arched sections at the top. In this case, it is both a useful and decorative addition to the room as on its shelves is displayed a fine collection of old china.

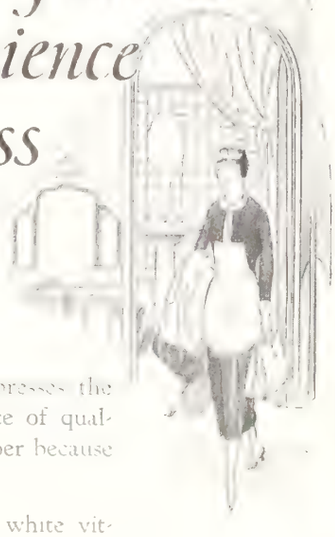
This room is a delightful example of the homely charm of early American decoration. Here are the sturdy chairs and tables so characteristic of the period, the gay hooked rugs, with their quaint, amusing designs, and the

(*Continued on page 174*)



The charm of the early American room above with its fine old furniture, hooked rugs and amusing Currier and Ives prints is enhanced by a graceful corner cabinet

A lavatory of utmost beauty, convenience and cleanliness



THE Madbury Lavatory impresses the guest by its visible evidence of quality. It is a joy to the housekeeper because it is so easily kept clean.

All exposed parts are of pure white vitreous china—no nickel to polish. The concealed inlet eliminates projecting faucets and provides a single stream of water at any desired temperature. There is an automatic device for cleansing the overflow drain. The bowl is unusually large, and has a style of rim that prevents splashing.

You are invited to write for our new booklet, "Maddock Bathrooms." This booklet gives suggestions for placing different combinations of fixtures in spaces of various sizes and shapes.

The Madbury



Why vitreous china

Vitreous china does not require constant scouring. It will always retain its original gleaming whiteness. Soil does not cling to it. It does not become roughened by use. It will not chip, split, crack nor stain; [illegible]

THOMAS MADDOCKS SONS COMPANY, *Trenton, N.J.*

MADDOCK

Bathroom Equipment

Avoid doctor bills by more intelligent use of the plumber



CORROSION

the Cancer of Metal—

An Ever-Present Menace to Your Pipe and Your Property

YOU seldom think of the pipe in your home—***until*** corrosion, the deadly disease to which this pipe is subject—causes a disastrous leak. Again, you seldom think of the cost of piping until you have to pay a bill to repair water damage. The time to think about pipe is beforehand—when you are building or remodeling.

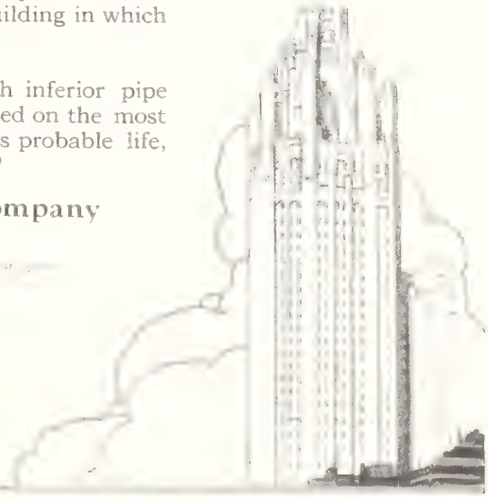
Specify Reading Genuine Wrought Iron—the pipe that endures. The pipe with immensely greater rust resistance than the hardest steel. In numberless instances Reading Genuine Wrought Iron Pipe has been found to outlast the building in which it was installed.

Why take chances with inferior pipe when "Reading," figured on the most conservative basis of its probable life, actually costs you less?

Reading Iron Company
Reading, Pa.

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READING PIPE

GENUINE WROUGHT IRON



Roses Ready To Bloom

WE MEAN just that *and more!* and supply extra strong two-year old field-grown plants full of vitality which will give a full crop of flowers continuously throughout the summer and autumn. We offer in our Garden Book two hundred of the World's choicest Roses, but especially recommend

The Famous "Dreer Dozen"

Everblooming Hybrid-Tea Roses

This set holds a splendid range of colors; covers a long blooming season and each variety has proved its worth in many sections and soils. Thousands of "Dreer Dozens" are sold every season—invariably to make us thousands of appreciative friends.

Caroline Testout
the bright satiny rose beauty that won Portland fame as "The Rose City."

Miss Lolita Armour
a symphony of coral red, coppery shadings and rich golden yellow.

Duchess of Wellington
a deep coppery saffron yellow of delightful fragrance.

Mme. Edouard Herriot
the Famous Daily Mail Rose—coral red, yellow and rosy shadings passing into shrimp pink.

Hadley
Beautiful in its dazzling crimson scarlet. Shapely buds, perfect flowers.

Radiance
Brilliant pink with salmon pink and yellow shadings.

Kaiserin Augusta Victoria
soft pearly white, tinted lemon center.

Red Radiance
A bright cerise red.

Lady Ursula
Absolutely unique shade of flesh pink and delightfully scented.

Rose Marie
a great producer of lovely rose-pink beauties.

Los Angeles
Flame pink toned coral, with translucent gold at base.

Wm. F. Dreer
Soft, silvery shell-pink, with rich golden yellow base.

Any of above varieties, in strong two-year-old plants, $1.00 each, $11.00 per dozen.

One of each of above 12 beauties,—a fine collection, for $11.00.

The Dreer Garden Book

looks back upon 87 years of faithful service and truthful advice on the subject of gardening in all its branches. Clearly written, freely illustrated, devoid of exaggeration, it is esteemed a welcome friend in thousands of garden homes. A copy awaits your call and please mention this publication.

HENRY A. DREER

1306 Spring Garden St. Philadelphia, Pa.



In the home of Marshall Fry at Southampton, L. I., is a painted corner cupboard holding an array of china

CORNER CUPBOARDS

(*Continued from page* 172)

bright chintzes that add so much to the cheeriness of a room of this kind. In addition there is an unusual low maple day bed and a fine collection of ridiculous Currier and Ives prints.

The other corner cupboard shown on this page is a simple painted affair, used in a gay little country house dining room—a practical as well as decorative piece of furniture as it is used to hold the china in every day use. This is colorful Brittany ware eminently suited to an informal country house dining room of this character.

A vivacious color scheme gives distinction to this small interior. Here the walls are soft tan color and the cupboard a clear blue-green. The chair and small stand are painted primrose yellow, lined in red, and the curtains are neutral toned casement cloth trimmed with red braid.

OPENING THE CLOSED HOUSE

(*Continued from page* 84)

Many a burglar has taken advantage of a decrepit lock. Stray cats too, have been unpleasant guests in houses whose locks have allowed doors to open in wind storms. Of course, excellent hardware in the beginning is the true prescription here, yet there are no mechanical devices in the world, too good not to require regular and thorough inspection.

The cellar door should have been effectively barred and bolted before leaving the house. Upon re-opening the house, if it is found that the cellar doors have not been effective, they could be replaced with better ones. If they be not of iron, the cellar door should be of solid wood *(not panelled)* and bolted inside with bolts of excellent manufacture.

The cellar that has suffered leaks, should be immediately attended to, for a leak may be the cause of much ill health. The discovery of a leak, may be indicative of some radical need. Re-cementing may be the cure or a better drainage system and grading.

The refrigerator drain should be cleaned out before filling the case. The clogged drain is a menace. The door too, of the refrigerator should be opened to air the case and a good swabbing out of the shelves and walls is a nice performance. It is perhaps unnecessary to say here that before leaving the house the drain should have been well cleaned out and the inside of the refrigerator cleaned and aired.

If the house is being opened for summer use, it should be screened before the family arrives. For after the flies and insects get into a house it is far more difficult to get rid of them than it is to prevent their entrance with well made screens. If the screens have become injured and do not happen to be of the excellent copper cloth or non-rusting combination, mend them with copper screen cloth or substitute the copper screen for the injured member. The sleeping porch shall be, by all means, screened before the family comes. This is often left to the last and is done late enough to make the out-door sleeper dread and then give up the idea of sleeping ou

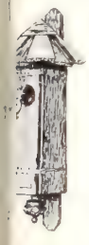


ueen Anne Martin House

de with 48 rooms for the beautiful rtins who colonize, The martins de- ır mosquitoes! Scientific porch. Pure ite and green trims. Of pine, copper f. 22-foot easy raising pole, house 36 6 x 37 inches.

$60.00

exangular Flicker House



Places with trees should have these houses. The woodpecker family save millions of dollars in trees annually, destroying moths, ants and tree pests. Lovely design. Brown to match tree trunk. Norway pine. 26½ inches high, 12 inches wide.

$7.00



Great-Crested Flycatcher House

ıe Flycatchers are entirely insectivorous, ing off the pests of the air. This strik- ;ly original house will attract them. ıce on a pole or hang. Green, of pine. x 11 x 18 inches.

$4.00

With Copper Roof

$5.00



Scientific Wren House

brings the silver-throated wren! A compartment house satisfying their habit changing nests for each succeeding ood. Beautiful design, to hang from e, eaves, or elsewhere. Green. Of oak. ith cypress shingles, copper coping. 28 ches high, 18 inches in diameter.

$7.00



Enjoy them—

on a square foot or on an acre!

FOLKS get an idea that song birds must have a whole park or vast estate —Oh, no! There's a little pair of wrens, bluebirds, flycatchers, waiting for a home on the eaves of your house. Or on the tree just outside. A colony of beautiful martins are scouting about for a home on a pole—give them a perfect home!

These quaint signs of hospitality attract the beautiful songsters. So artistic are the Dodson Bird Houses, that one is apt to overlook the scientific details which Mr. Dodson has perfected after years of study. Not so the birds! They approve them season after season, building their homes, raising successive broods of little songsters.

Gentle folks love the birds, know their happy influence, their inspiration. Dodson Bird Houses open this joy to you.

But, remember, always, the *work* of the song birds. A thousand mosquitoes a day are destroyed by just one graceful martin! Trees are protected from boring pests by the flicker family! All your green growing things are *insured* thru the song birds you attract.

Send us your order straight from this page. The houses come promptly all carefully crated, ready to put up. Order *now* —don't put it off.

JOSEPH H. DODSON, *Inc.*

791 Harrison Ave. Kankakee, Ill.

Mr. Dodson is President of the American Audubon Association and a Devoted Friend of the Song Birds

Real Dodson Bird Houses sold only from Kankakee



Bird Bath

Birds need water—that's why they eat fruit. They are afraid of large bodies of water. A scientific bird bath will attract them to your lawn. Sloping sides designed for the birds complete with stand. 32 inches high.

$26.00



Bluebird House

Bluebirds for happiness, because they are perhaps our most beloved songsters! They are exacting birds; but this house will win them. Put it on a pole up out of harm's way. Green, of pine, 21 inches high by 16 inches in diameter.

$7.00



Free!

Send for Mr. Dodson's fascinating booklet—"*Your Bird Friends and How to Win Them.*" Forty years' loving study of the birds has completed it. Things you should know about the work of the song birds.

Who Buys Dodson Bird Houses

Henry Ford, Detroit
Mrs. W M. Leeds, New York
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Mrs. Julius Rosenwald, Chicago
J. H. Kellogg, Battle Creek
Sidney L. Colgate, Orange
Irvin S. Cobb, New York
Mrs. Louis F. Swift, Chicago
J. Ogden Armour, Chicago
Mrs. French Vanderbilt, Newport
and score upon score of friends the country over

Plant These For Permanency!

THE charming Scotch Blue Bells (shown below) and certain varieties of Daffodils will thrive and bloom each spring for years to come, if planted with a little care. Bring **permanent** beauty to your grounds by liberal plantings of the wonderful



Scotch Blue Bells

Scotch Blue Bells White	Scotch Blue Bells (excelsior Blue)
$3.00 per 100	$4.00 per 100
25.00 per 1,000	35.00 per 1,000

Scotch Blue Bells—Rosy Queen—Pink
$5.00 per 100
45.00 per 1,000

Mixed Narcissus for Naturalizing

Plant them by the thousands—they will become a valuable asset!

All Yellow Varieties **$40.00** for case of 1,000 bulbs
All White Varieties **40.00**
All Varieties Mixed **40.00**
$375 for 10,000 bulbs.

Not less than 250 bulbs sold for **$10.00**; 500 bulbs sold for **$20.00.**

Your Last Chance at Fair Prices

After this fall, we will not be able to repeat above offers, due to Quarantine restrictions. Please order before July 15th, when this offer expires. Write for **Special Import List NOW!** It shows the way to substantial savings on your fall order for Tulips, Daffodils, and all other Dutch Bulbs. Please act promptly—you'll gain all round—and mention this publication.

The Wayside Gardens Co.

Largest Growers of Hardy Plants in America

Mentor, Ohio.

E. H. Schultz, Pres — J. J. Grullemans, Sec. Treas.



WOODPECKER or FLICKER HOUSE, 20¼" high, may be applied to side of tree, house or barn; stained brown. Delivered $2.00.



FEEDING STATION attracts birds, assures you daily visits next winter; stained brown. Delivered $1.



No. 3 WREN HO... CLUSTER on 8 ft. ... stained brown; red ... bottom. Delivered, $...



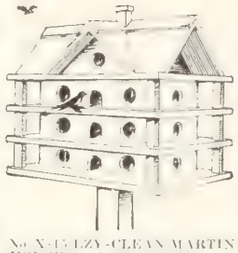
ROBIN ROOST for the Robin Breast who will not build a ... stained brown. D... ...ered $2.00.



No. X-10 STONE BIRD BATH. Where the feathered bath is placed there will always be ... birds. Scientifically correct, of latest design, bowl 21" diam., ... 2½" high. Delivered $12.00.



No. 5A WREN H... stained brown; with ... pole, etc., delivered ... house **only**, delivered $...



No. X-15 EZY-CLEAN MARTIN HOUSE, ready for paint, 3-story, 28 comp., delivered $11.50. 2-story, 20 comp., delivered $9.50



No. 7 BLUE BIRD H... stained brown; hinged ... top for cleaning. Del... $1.00.

We suggest early installation of these outposts to attract ... your garden the first arrivals from the south. SHIPPING CHARGES PREPAID. Write for our beautiful illustrated catalog, or garden furniture.

GARDEN CRAFT DEPT.
EXPRESS BODY CORPORATION
9 Lake Street — Crystal Lake, Ill...



Flowers by Wire to Anybody Anywhere!

The nicest gift to your dear ones for every occasion is Flowers!

Flowers will always tell your story!

On steamers, our Flowers—specially arranged to stay fresh throughout the voyage—repeat your greeting every morning!

In New York we deliver within the hour—in every other city as quickly as our wire reaches one of our 3,000 branches. Orders filled from $5 up! Use this coupon!

MAX SCHLING INC 785 FIFTH AVE New York

Enclosed find $ ____ for which send flowers or plant

to _____

on (date) _____ (address) _____

Enclose my card.

My Signature _____

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Your Fence Problems

Excelsior Rustproof Ornamental Wire Fences and gates will give you complete protection as well as artistic effect.

This patent clamp construction means rigidity and perfect alignment. Heavy galvanizing after weaving means permanence.

We shall be glad to furnish you complete details concerning your own fence problems.

WICKWIRE SPENCER STEEL COMPANY, INC.
Fence Department
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EXCELSIOR
HOT GALVANIZED AFTER WEAVING
WIRE FENCES



An Import Order NOW=Big Savings LATER!

(N.B. *Bulbs marked with stars will be barred from import after 1925*)

If you ordered last year you will understand *why you must act at once* to gain this alluring reward for promptness—These are the reasons:

Our Special Border Collection

magnificent Darwin and Cottage Tulips

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pink Dar
otee W
lively
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eam
der Darwin 4.50 42.00
nze Queen
half
de of Haarlem
lu
deep velvety purple 4.50 40.00
lden Beauty
yel

bulbs at 100 rate; 250 bulbs at 100 rate.

Very Special

all
or less than 4½c each
or less than 4c each
ution

Cash Discount of 5%
If you send cash with order

of Holland have just come to us with stocks all complete, ready and eager to make price concessions for immediate orders *far below* those that will obtain next fall.

for you not only the advantage of bedrock prices for highest quality but we can have your orders packed especially for you in Holland, thus also saving you extra packing costs, reducing the freight and import charges to a minimum and at the same time guarantee to you

EXTRAORDINARY OFFER

100 DARWIN TULIPS for only $3.00

A $6.00 value for only $3.00 or, if you prefer—50 bulbs for $2.00

The Heralds of Spring

Scarlet Early Spring Beauties, $6.00 the hundred named

Here are the Bulbs and Here are the Prices!

Nine splendid collections, each a wonderful value—*if you order now*

Single Early Tulips varieties. Bloom in April and early

Double Early Tulips varieties. Bloom in April and early

Darwin Tulips

100 *Cottage Tulips* in 10 named garden, improved. May and June

Breeder or Art Tulips named varieties. In form like Darwins.

100 *Narcissi or Daffodils* for naturalizing and lawn planting. Airy and medium Trumpets, short-cupped and lovely Poet's varieties, doubles and singles on long stems, all top-size mother bulbs . . . . .

* * * *Last year to import.*

Bedding Hyacinths
Named Hyacinths
Green

Caution

618 Madison Ave. Near 59th St. **Schling's Bulbs** New York City

Other special offers in our "Import List"

Should you not have a copy?





A FEDERAL QUARANTINE effective January 1, 1926, will prohibit subsequent importation of Narcissus (Daffodil) Bulbs



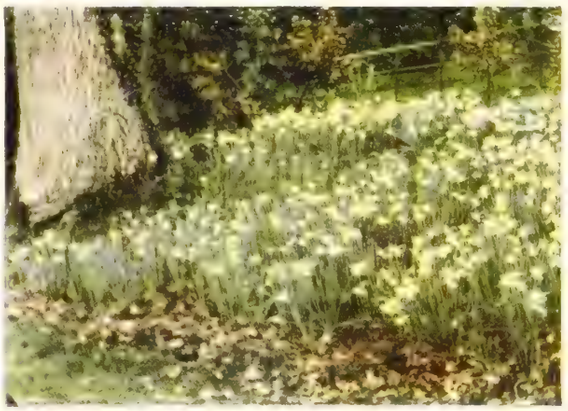
YOUR LAST OPPORTUNITY to import Narcissus bulbs is forecast by the Federal Quarantine, effective January 1st, 1926.

Because gorgeous Narcissi multiply rapidly after planting, are hardy and easy to grow in almost any soil and situation, they are in great demand everywhere.

With a limited crop available in Holland, it is natural to expect price advances as the embargo approaches. The far-sighted garden owner will therefore insure future spring loveliness by investing now in an adequate supply of Narcissus bulbs while their importation is unrestricted.

This situation prompts us to offer you a special opportunity for participating in our final import order. **To the garden lover desiring a mixed variety of Narcissus for naturalizing we offer a collection of 1,000 bulbs** (all white, all yellow, or all mixed) **for $50.00** (all charges included except expressage from New York). Full planting directions with each shipment.

SEND YOUR ORDER NOW. You need pay no money until receipt of bill September 1st. **To encourage immediate action, we will extend 20% discount on orders for this collection received before June 15th.**



A Host of Golden Daffodils —dancing in the breeze

Scatter them like sunshine—and reap a harvest of gorgeous spring bloom. Naturalizing daffodils is keen sport —their trail across the spring days is one of radiance and delight—bringing sunshine into shady places.

JOHN SCHEEPERS, Inc.

Flowerbulb Specialists for a Quarter Century

522 Fifth Avenue, New York

In view of the approaching embargo, is more than ever advisable to purchase a adequate supply now for planting this fal and thus save many later regrets. Th scarcity of Narcissi resulting from th quarantine, will increase the value of you investment many fold within a few month Between now and October (when the ex port season ends in Holland), prices wil undoubtedly advance sensationally.

ORDER NARCISSUS BULBS NOW for September delivery and Spring flower ing. You will be rewarded by beautifu Spring gardens for years to come.

Guarantee your growing satisfaction b planting Scheepers' Quality Bulbs. Selecte by our experts in Holland.

This month, when Spring bulbs ar flowering in the garden, affords the bes opportunity to decide the varieties for you next Spring garden. Write for our 192

GENERAL BULB CATALOGUE

(illustrated in color) replete with suggestions—sent on request to interested garde owners. It lists and describes the finest roots and plants for Spring flowering—all of the quality for which we have long been famous. Write for your copy.



The types of Narcissi (Daffodils) illustrated are all included, with many others, in this assortment. They will flower for a month or more each year in increasing volume.





Scheepers' Bulbs are *better* bulbs, as attested by numerous gold medals and prize awards wherever exhibited, and by their high reputation in the finest gardens.



for Your Garden

You'll find new interest and pleasure in your garden if you will put a bird bath of art stone somewhere in it. Aside from adding to the appearance of your outdoor home, it will bring the songsters flocking to your lawn as never before. Art stone bird baths come in eleven models from $4.50 to $45. Or, perhaps your fancy turns to sun dials or the fanciful gazing globes. We have a number of classic designs fro[illegible]



Their Own Yard

The gate clicks shut — then, complete privacy; enjoyment of home premises without any outside interference. A safe place for children to play. Trespassers and burglars don't like Cyclone Fence. The great protection and beauty of Cyclone Fence have made it the preferred enclosure.

Cyclone Ornamental Lawn Fence includes attractive fabrics for erection on wood posts; "Complete Fence" with steel frame work, posts, fabric and fittings; and Wrought Iron Fence in beautiful designs.

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The only thing that the Davey Company has to sell is the service of expert and reliable Tree Surgeons, whom it has carefully selected, thoroughly trained, and properly schooled. There are no Davey Tree Surgeons except the regular employes of the Davey Company—500 in number.

The selection of these men is an exhaustive process in itself. No men are admitted, no matter how pressing the demand, except those of the right type. Unsatisfactory men are eliminated as quickly as discovered. Consequently, Davey Tree Surgeons are uniformly intelligent, industrious, painstaking, and of high personal integrity.

Every man is trained before he is permitted to enter the field force of the Davey Company. This training is never done on the trees or at the expense of the client. The Davey officials, who know Tree Surgery values, guarantee the ability and the reliability of the experts whom they send to treat your priceless trees.

The Davey Institute of Tree Surgery is maintained at a cost of nearly $50,000 per year, to give scientific training to regular employes. It is open only to men already in the Davey organization; and all expenses are paid by the Company—in order that the service which you buy may be scientifically accurate and mechanically perfect.

No other professional service costs so little as Davey Tree Surgery. There is no place where you can buy so much service per dollar. Large-scale operation ($1,250,000.00 in 1924), plus this careful selection and training, plus proper discipline, make Davey Service so reasonable in cost.

Davey Tree Surgeons are local to you—anywhere between Boston and Kansas City, between Canada and the Gulf. Write or wire Kent, Ohio.

THE DAVEY TREE EXPERT CO., Inc., 134 City Bank Bldg., Kent, Ohio

Branch offices with telephone connection: [illegible] Albany, Colvert Bldg.; Boston, Massachusetts Tree Bldg.; Philadelphia, Land Title Bldg.; [illegible] Pittsburgh, 331 Fourth Ave.; Buffalo, 110 Franklin Street; Cleveland, Hippodrome Bldg.; Detroit, General Motors Bldg.; Cincinnati, Mercantile Library Bldg.; Louisville, [illegible] Kansas City, Scarritt Bldg.; Minneapolis, [illegible] Montreal, 911 Insurance Exchange Bldg.

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JOHN DAVEY
Father of Tree Surgery
Reg. U. S. Pat. Off.

Attach this coupon to your letterhead and mail today

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Gentlemen: Without cost or obligation on my part, please have your local representative examine my trees and advise me as to their condition and needs.

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Every real Davey Tree Surgeon is in the employ of The Davey Tree Expert Co., Inc., and the public is cautioned against those falsely representing themselves. An agreement made with the Davey Company and not with an individual is certain evidence of genuineness. Protect yourself from impostors. If anyone solicits the care of your trees who is not directly in our employ, and claims to be a Davey man, write headquarters for his record. Save yourself from loss and your trees from harm





A FEDERAL QUARANTINE
effective January 1, 1926, will prohibit subsequent importation of Narcissus (Daffodil) Bulbs

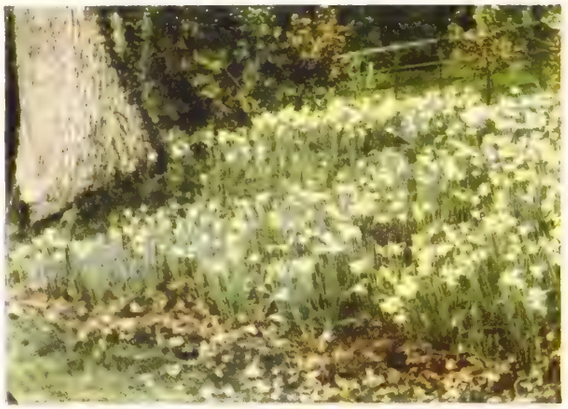


YOUR LAST OPPORTUNITY to import Narcissus bulbs is forecast by the Federal Quarantine, effective January 1st, 1926.

Because gorgeous Narcissi multiply rapidly after planting, are hardy and easy to grow in almost any soil and situation, they are in great demand everywhere.

With a limited crop available in Holland, it is natural to expect price advances as the embargo approaches. The far-sighted garden owner will therefore insure future spring loveliness by investing now in an adequate supply of Narcissus bulbs while their importation is unrestricted.

This situation prompts us to offer you a special opportunity for participating in our final import order. **To the garden lover de-**



A Host of Golden Daffodils —dancing in the breeze

In view of the approaching embargo, it is more than ever advisable to purchase an adequate supply now for planting this fall, and thus save many later regrets. The scarcity of Narcissi resulting from the quarantine, will increase the value of your investment many fold within a few months. Between now and October (when the export season ends in Holland), prices will undoubtedly advance sensationally.

ORDER NARCISSUS BULBS NOW for September delivery and Spring flowering. You will be rewarded by beautiful Spring gardens for years to come.

Guarantee your growing satisfaction by planting Scheepers' Quality Bulbs. Selected by our experts in Holland.

This month, when Spring bulbs are flowering in the garden, affords the best

ELLIOTT NURSERY COMPANY

515 MAGEE BUILDING *(Established 1889)* **PITTSBURGH, PA.**





for Your Garden

You'll find new interest and pleasure in your garden if you will put a bird bath of art stone somewhere in it. Aside from adding to the appearance of your outdoor home, it will bring the songsters flocking to your lawn as never before. Art stone bird baths come in eleven models from $4.50 to $45. Or, perhaps your fancy turns to sun dials or the fanciful gazing globes. We have a number of classic designs from $29.70 to $43.20.



A porch urn in the right place gives a touch that is a real addition. This one, at $5.40, is a foot across and nine inches high, but you may choose one from seventy other urns and vases.

Get this 64-page Book of Garden Furniture



Two hundred and three different articles for all kinds of grounds included in this book, together with suggestions for improving your garden vistas with seats of art stone — fountains, pedestals, urns, gazing globes, sun dials, bird baths and other pieces. Prices from $5.00 to $850. On receipt of 10 cents we will gladly send this beautiful illustrated book.

Send the coupon and ten cents, coin or stamps, for this beautiful book.

RCHITECTURAL DECORATING COMPANY
1610 South Jefferson Street, Chicago, Ill.

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am interested in improving the appearance of my grounds. Enclosed I ten cents for which ease send your 68-page brochure showing [illegible] of over 200 art stone pieces.

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Their Own Yard

The gate clicks shut — then, complete privacy; enjoyment of home premises without any outside interference. A safe place for children to play. Trespassers and burglars don't like Cyclone Fence. The great protection and beauty of Cyclone Fence have made it the preferred enclosure.

Cyclone Ornamental Lawn Fence includes attractive fabrics for erection on wood posts; "Complete Fence" with steel frame work, posts, fabric and fittings; and Wrought Iron Fence in beautiful designs.

There's a dealer near you who sells Cyclone Fence

CYCLONE FENCE COMPANY

Factories and Offices:
Waukegan, Ill. — Cleveland, Ohio
Newark, N. J. — Fort Worth, Texas

Western Distributors:
Standard Fence Co., Oakland, Calif.
Northwest Fence & Wire Works, Portland, Ore.

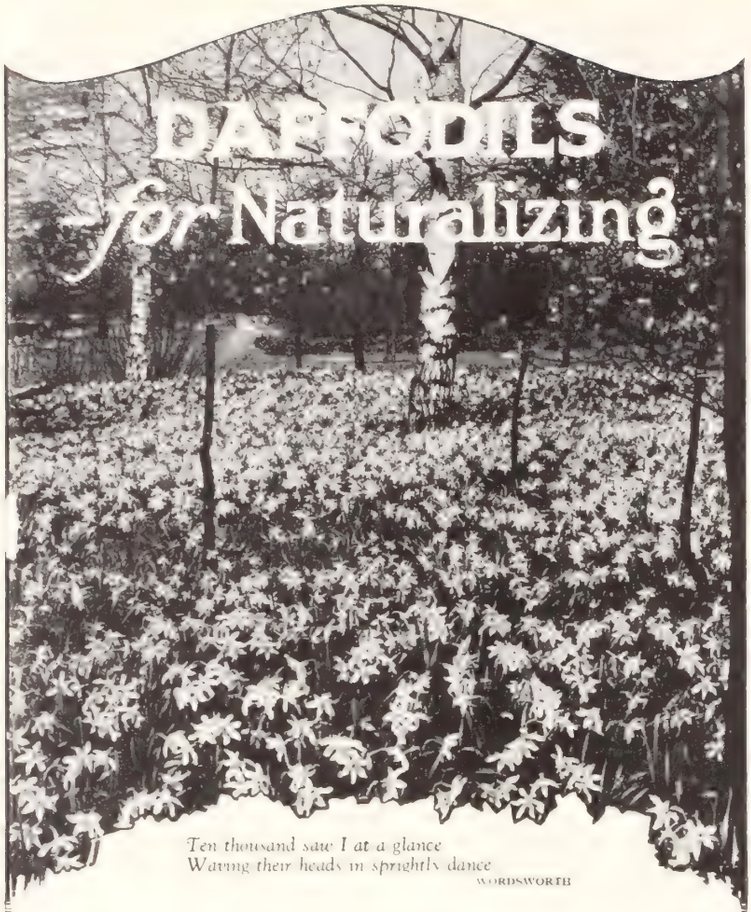


Cyclone Fence

"Galv-After" Chain Link

"The Red Tag The Mark of Quality"

PROPERTY PROTECTION PAYS



Daffodils for Naturalizing
(NARCISSI)

THERE is no more useful bulbous plant than the Daffodil for planting around the home-grounds. They are equally at home in the shady location of your shrubbery border or planted in clumps in your flower border, and are not subject to any particular rodent or pest.

After this year, they will not be allowed entry into our country. Ninety-five per cent of these beautiful bulbous plants are imported every year from Holland. We suggest to our patrons the advisability of planting liberal quantities this year, as bulbs procured from American-produced stocks after this year will be much higher in price.

We have arranged with our growers to produce large stocks of the best named varieties, and the mixtures are prepared to meet the various purposes and locations in which you desire to plant them.

FIVE SECTION OFFER

Prices of any of the following Sections:

$4.50 per 100, $40 per 1,000, $350 per 10,000

A. Daffodils for Shady Places
B. Daffodils for Open Places
C. Daffodils, all Yellow Varieties
D. Daffodils, all White Varieties
E. Daffodils, all Varieties

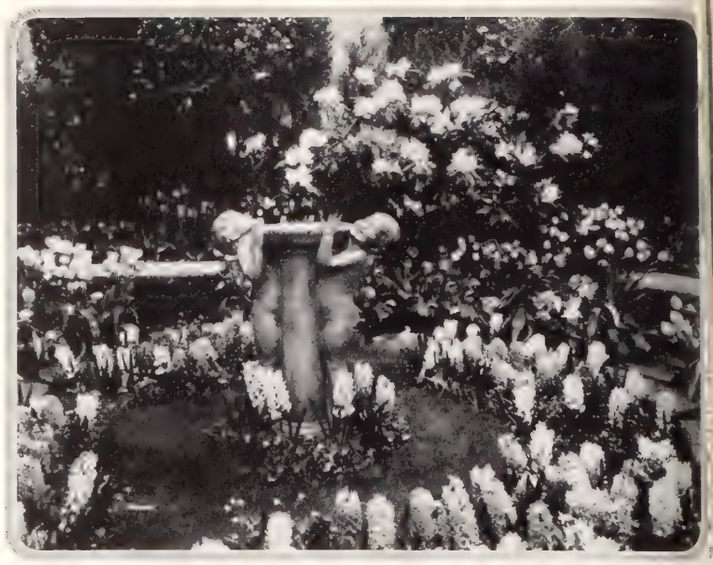
Plan Your Fall Bulb Planting Now

Our 1925 Advance Bulb Catalog lists the finest varieties of Dutch, French and Japanese Bulbs for planting in your Garden or Home this Autumn. "*High Quality Bulbs*" has been our specialty for the past twenty-five years. Owing to the greater demand in European countries, as well as our own country, prices are higher than last year. They will be still higher in the Autumn. You are invited to send orders up to July 15th and enjoy the benefit of our low contract prices.

Send for Our Catalog Now

Stumpp & Walter Co

30-32 Barclay St. **New York City**



Levick

A special prize was given to the exhibit of Mrs. Daniel Guggenheim, a circular bulb garden



The exhibit of F R. Pierson, an effective formal garden, was a gold medal winner in the Special Class

THE NEW YORK FLOWER SHOW

March 16 to March 21

THE Annual Flower Show in New York is less a great collection of expertly grown plants effectively arranged than it is the fine bold clarion call of Spring. To winter-bound citizens it comes as proof positive that the seasons are about to make a change. It scarcely matters that most of the blooms in the Show are forced into flower by some slight artifice: the fact remains that here are flowers, and the spell of winter is completely broken. This year the Show was

(*Continued on page* 180)



Mrs. Harold I. Pratt's informal garden of Tulips, Laurel and Hemlocks was a prize exhibit of unusual merit, showing not only splendid material but excellent design

Greater Mowing Economy With the New Ideal

IN THIS—the *new* model Ideal—is offered new mechanical features that mean added years of service, easier operation, less up-keep and greater satisfaction. In short, the reliable Ideal upon which leadership was built has been made a *still better Ideal.*

It is a labor and money saver—certainly; but more important still it is a practical, long lived, trouble-free machine. It does the work of five or more men with hand mowers and rolls as it cuts. It builds a fine, well kept, smooth lawn at a nominal cost.

Ask your nearest Ideal dealer, or write us for a copy of our latest catalog describing this *new* Ideal.

Ideal Power Lawn Mower Co.
R. E. Olds, Chairman
403 Kalamazoo St., Lansing, Michigan
New York, 13-19 Hudson St. Chicago, 11 E. Harrison St.
Dealers in all Principal Cities

IDEAL Power Lawn Mowers





The Secret of a Bugless Garden

IT lies in Dy-Sect.
Lies there, because Dy-Sect does things that no other spray does. Not only does them, but does them easier and at less cost.

First it gasses the bugs. Then it kills them.

None get away by jumping or flying. You kill them in the soil before they get on your plants.

You kill them on your plants with least trouble.

A quart of Dy-Sect makes 12 of spray. Costs so little as 3 cents a quart.

Don't allow 3 cents a quart to stand between you and a bugless, perfect, bloom-filled garden.

Sold by dealers generally.
Or write us for circular and prices for sending direct.

A. C. Horn Company

Horn Building, Long Island City, N. Y.

Get Rid of Weeds and Grass

On Paths, Drives, Cobble Gutters Tennis Courts, etc.



Don't waste time cutting or pulling tops — they grow right up again.

Destroy the roots and you have a complete job with lasting results.

"HERBICIDE"

The Weed Exterminator

kills the roots as well as the tops thus preventing regrowth. One application lasts for the season. "HERBICIDE" is the original chemical weed killer and is recognized as the strongest and most effective material for destroying undesirable vegetation, including Poison Ivy.

"HERBICIDE" is quickly and easily applied by means of sprinkling cans or other simple equipment. Each gallon makes from 40 to 50 gallons when diluted. The price is one gallon $2.00, five gallons $8.00, ten gallons $15.00.

Get it at your dealer's. If not procurable there, write to us. Booklet sent free. "Home Weed Book."

READE MANUFACTURING COMPANY
155 Hoboken Ave. Jersey City, N. J.



A stock design, photographed in the patio of a Pasadena home.

BATCHELDER TILES

A fountain of Batchelder Tile offers an unique and distinctive means for the enhancement of the garden, patio or sunroom.

The possibilities for color are infinite....one may sparkle with contrasting glazes and textures....the soft, subdued color tones of another unobtrusively blend into its environment. All are adapted to any decorative scheme.

Batchelder designs are original, many and varied....for mantels, fountains, baths, pavements. Garden pots, fired in a variety of colors, to harmonize with the landscaping.

More complete information is embodied in the Batchelder "Describe-O-Log". Write for a copy.

BATCHELDER-WILSON COMPANY
2633 Artesian Street, Los Angeles
101 Park Avenue, New York City





This rustic bridge, clustered with Climbing Roses, was the feature of the Bobbink & Atkins exhibit, winner of First Prize

THE NEW YORK FLOWER SHO

(*Continued from page 178*)

ctually a prelude; the last day of the exhibition falling as it did upon the first day of Spring.

It should be known that the New York show covers a bewildering amount of space—all of two great floors in the Grand Central Palace, and part of a third. The larger exhibits are on the main floor. Here are the life-size gardens, each one planned to represent that particular authentic type which makes the best display for the plants which are to be shown in it. Thus there are Dutch gardens and small, prim, informal arrays for the growers and importers of bulbs, Rose gardens for the Rose growers, and miscellaneous types for the general nurserymen. Some of the finest gardens in the Show this year were the rock garden and the Azalea garden of Bobbink & Atkins, winners of the First Prize; the bulb garden of John Scheepers, winner of the Gold Medal; F. R. Pierson's formal garden, with its sunken panel of turf and background of Dogwoods and architecture, and Mrs. John T. Pratt's informal garden, featuring excelle sign as well as a gorgeous coll of Tulips in a setting of Hem and Laurel. The first three splendid examples of the wo commercial growers; the latte exhibit of one of the country's enthusiastic amateurs.

On the outskirts of the larg hibits on the main floor were s booths devoted to showings of s classes and varieties—such as the pee booth of Sweet Peas, one o most colorful and stunning sig the Show, and to various kin garden equipment, from plant ma to green houses.

On the floor above were more fl exhibits, and the scale models houses and gardens shown by Garden Club of America and by ous schools of landscape design. educational value of these m and of those of the Four Ideal Sm Homes, shown by HOUSE & GAR is enormous. All the principles planning a garden are concentr within a few square feet.



The bulb garden of John Scheepers, with its great variety of plants delightfully arranged, was the winner of a gold medal

Pep up the Garden!

LAWNS
TREES - VEGETABLES
FLOWERS - FRUITS - SHRUBS



EVERY growing plant from the smallest seedling to the largest tree will make quicker better growth, produce more and bigger flowers of better color and fragrance, has more fruit, bigger, crisper and more delicious vegetables if the soil is well supplied with nitrogen.

Nitrogen is the most needed plant food. Plants take up more of it than any other food and most soils are deficient in it. Nitrogen must be supplied liberally to produce abundant crops.

FLORANID "UREA BASE" is the most highly concentrated nitrogen fertilizer. Now offered in America for the first time. It contains 46 per cent nitrogen immediately available for plant use. No other material equals it in this respect. From double to treble as much nitrogen as any other fertilizer.

Floranid hastens growth and improves color and fragrance of flowers and adds greatly to the quality of fruits and vegetables. It leaves no after effect in the soil.

We have prepared a booklet giving briefly and plainly the science of fertilizing, which every gardener should know. It shows how crops are wonderfully increased by the use of nitrogen. *Sent free on request.*

Floranid can be supplied in one pound cans or fifty pound bags, by Seedsmen, Florists and Nurserymen. If your dealer cannot supply send his name and address.

Kuttroff, Pickhardt & Co., Inc.
128 Duane Street, New York



ouched by a Fairy Wand

A Hartmann-Sanders Garden House will transform and adjust! How it dresses your outdoor restful shade! What a place to relax and delight gather! What a [illegible] it adds to your grounds!

Only [illegible] of specialization has created for the beautification of [illegible] Gate entrances. Rose Arbors. Arches. Trellis. All [illegible] Lock-Joint Column. All architecturally correct —beautiful, yet economical.

Catalog P 34 illustrates all. Send 30¢ for copy. Address Hartmann-Sanders Co., 2187 Elston Ave., Chicago, Ill. (New York Showroom at [illegible] St.)

As ideal for Golf and Country Clubs as for Private Homes

HARTMANN-SANDERS

PERGOLAS
COLONIAL
ENTRANCES
ROSE ARBORS

GARDEN FURNITURE

LOCK JOINT

THEY CANNOT COME APART

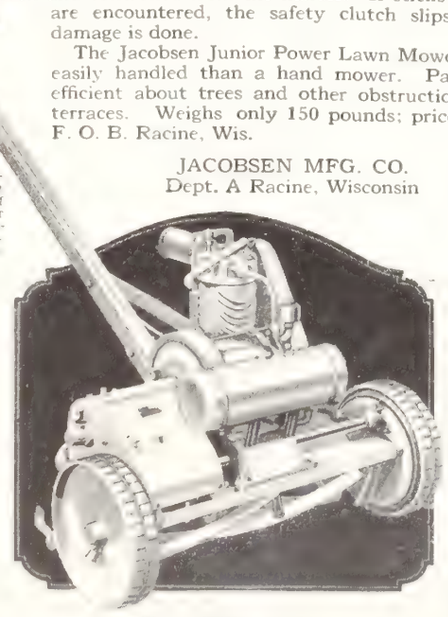
A Small Power Mower for Average Lawns

So simple a boy can operate it. Cuts a 19-inch swath at the rate of two acres a day on a gallon of gas. The clean, even cutting beautifies the lawn. Both cutting reel and traction wheels are power driven and controlled from the handle. If sticks or stones are encountered, the safety clutch slips and no damage is done.

The Jacobsen Junior Power Lawn Mower is more easily handled than a hand mower. Particularly efficient about trees and other obstructions or on terraces. Weighs only 150 pounds; price $150.00 F. O. B. Racine, Wis.

JACOBSEN MFG. CO.
Dept. A Racine, Wisconsin

[illegible] Mower and Catalog [illegible] of Lawn. Write for [illegible] Demonstration [illegible] arranged on [illegible]



Jacobsen
Power Lawn Mowers

A plan for bulb planting



Lawler's Recurvus

that creates beauty out of all proportion to its nominal cost

IT'S CALLED NATURALIZING — it's imitating nature. You have shambled through the woods and meadows, picking a flower here, going into raptures over another there, drinking deep of nature's glories. If you possess an estate, or for that matter, even a small lawn, you may obtain a similar effect. Just take a spade and a basket of Lawler's American-grown Narcissus Bulbs. Wherever the ground is moist and the sunlight breaks through, raise the soil and plant a few. They're as hardy as the trees and shrubs—and their beauty is out of all proportion to their nominal cost.

The kind to select

Four varieties are recommended: Lawler's Victoria—large, creamy-white petals with broad, beautifully flanged yellow trumpet, $1.00 per dozen, $7.50 per hundred, $65.00 per thousand. Lawler's Sir Watkin—pale yellow petals, four inches across and a bright yellow cup, frequently tinged near the mouth with orange, $1.00 per dozen, $7.50 per hundred, $65.00 per thousand. Lawler's Conspicuous—refined, soft, yellow petals with a wide-mouthed yellow cup rimmed with orange-scarlet, 75¢ per dozen, $6.00 per hundred, $45.00 per thousand. Lawler's Recurvus—Poet's Narcissus—small white flower with brilliant red eye, 50¢ per dozen, $4.00 per hundred, $30.00 per thousand. Parcel Post or Express additional—add 20% for transportation.

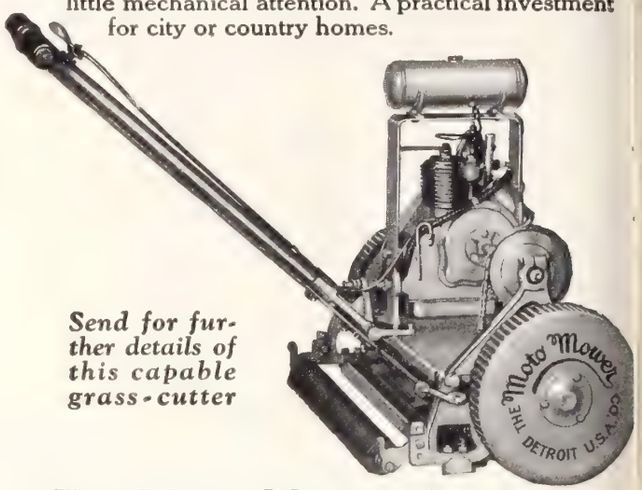
Why Lawler's Bulbs

The George Lawler Gardens, at Gardenville, Tacoma, Washington, are a Pacific-Northwest show place. The August Garden Magazine paid Lawler's American-grown bulbs a beautiful editorial tribute. Orders are being accepted now for late summer shipment—for September planting. Bulbs are dug and cured only for orders actually on file. If you would obtain Lawler's American-grown, superior quality bulbs, send in your order at once. Volume of business that will be accepted is limited. Delay in ordering means disappointment. No order under $2.50 accepted. Orders handled in the order received. Address George Lawler, Gardenville, Tacoma, Washington. His catalog, featuring more than a hundred varieties of American-grown bulbs, on request.

REPAYS ITS COST IN ONE SEASON

Moto-Mower Saves Time and Labor
Keeps Lawns in Perfect Condition

Owners of large estates tell us that Moto-Mower saves its cost in a single season. Fast, powerful and economical Moto-Mower cuts as much grass per day as five men with hand-mowers. Runs close to flower-beds, trees, hedges, thus eliminating hand trimming. Easily operated by rubber handle-grips, it requires little mechanical attention. A practical investment for city or country homes.



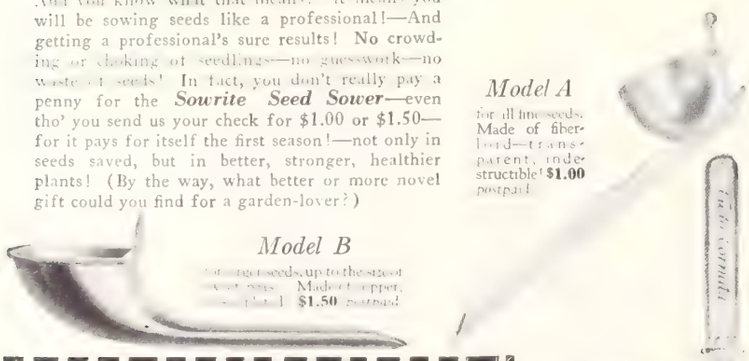
Send for further details of this capable grass-cutter

THE MOTO-MOWER COMPANY
3247 Woodbridge Street — Detroit, Michigan

"It's a marvel!"

So simple, too!—you hold it in the palm of your left hand—adjust the lever—tap the left hand lightly with your right—and lo! and behold, the seeds drop one by one, like little soldiers—as if they had been drilled to jump into their proper places!

And you know what that means!—it means you will be sowing seeds like a professional!—And getting a professional's sure results! No crowding or choking of seedlings—no guesswork—no waste of seeds! In fact, you don't really pay a penny for the ***Sowrite Seed Sower***—even tho' you send us your check for $1.00 or $1.50—for it pays for itself the first season!—not only in seeds saved, but in better, stronger, healthier plants! (By the way, what better or more novel gift could you find for a garden-lover?)



Model A
for all fine seeds. Made of fiberboard—transparent, indestructible! **$1.00** postpaid

Model B
for larger seeds, up to the size of sweet peas. Made of copper, nickel plated. **$1.50** postpaid

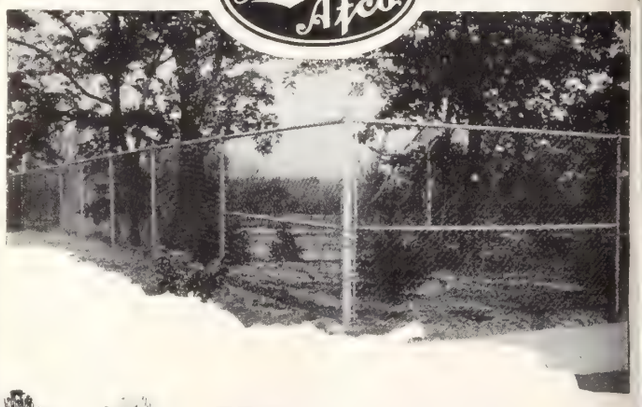
SOWRITE, Inc., 784 Fifth Ave., New York

Enclosed is $——— Please send me (state how many) ———
Model A ——— Model B Seerite Seed Sowers, and ———
boxes Seerite labels.

Name ———
Address ———

"Seerite"
just what you have been looking for! A perfect garden label protected in glass tubes, neat and durable—indestructible! — for all seed beds and gardens. **$1.00** per box of eight, postpaid

CHAIN LINK Stewart Afco WIRE FENCE





In planning a Wrought Iron Fence or Gate you will want our Design Book "C"

HOME *outlook*, as well as home *inlook*, is made more attractive by a fence of the right kind—a tasteful fence, a sturdy fence, an honest fence. A Stewart-Afco Chain Link Fence will command respect but discourage familiarity. And it will increase your property value far beyond its cost.

Galvanizing after weaving gives you a wire fence fabric which is as long lived as the heavy pipe framework—a durability measured in decades not merely years. The range of our designs affords you a pleasing choice.

Illustrated Booklet on request—or our representative will call if you wish

THE STEWART IRON WORKS CO.
(Incorporated)
422 Stewart Block, Cincinnati, Ohio
And in Eastern States
AMERICAN FENCE CONSTRUCTION CO.
132 West 34th Street, New York, N. Y.

STANDARD OF Stewarts IRON FENCE THE WORLD



A Bird Bath of GALLOWAY POTTERY

WILL make a delightful spot in your garden, bringing the birds with their merry notes. Our collection of high fired Terra Cottas includes Vases and shapely Jars, Flower Pots, Boxes, Fonts, Sun Dials, Gazing Globes, Benches and other pieces that will add interest to your garden, sunroom and home.

A catalogue illustrating 300 numbers will be sent upon receipt of 20 cents in stamps.

GALLOWAY TERRA-COTTA COMPANY
3218 WALNUT STREET, PHILADELPHIA.

A Garden Full of Dahlias for $3.50



New and Rare Exhibition Dahlias

Few flowers, whether used for garden decoration or principally for cut blooms to decorate the home, are as responsive to simple garden culture as our Modern Dahlia. It has made wonderful advancement in size of bloom, habit of growth and profuse blooming qualities.

In order to further its now great popularity, we are offering this collection of

12 Dahlia Tubers for $3.50

—one each of 12 distinct varieties, not labeled, which if purchased separately according to name would cost not less than $10.00.

Order Your Tubers Now so as to have them ready to plant any time after the tenth of May or when all danger of frost is past.

Mail this advertisement, or present at our store, with check, money order, cash or stamps, and secure this exceptional collection, sent prepaid to any point in the United States.

Our 1925 Spring Seed Annual sent on request

Stumpp & Walter Co

30-32 Barclay St., H. New York City

Bobbink & Atkins

Ask for Catalog



Visit Nursery

ROSES

SPRING PLANTING

HARDY BORDER CHRYSANTHEMUMS

We have made this collection of twel

Boston
Bronze Source D'Or
Carrie
Champagne
Eden
Mrs. Henry F. Vincent
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Winnetka
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Golden
Cranbor White

Collection of twelve $2.50

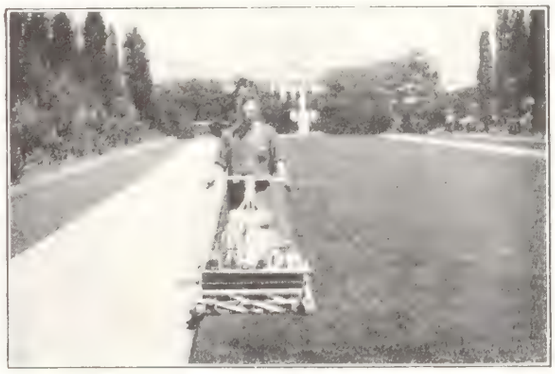
Hardy Herbaceous Plants

EVERGREENS, TREES, SHRUBS and VINES

BOBBINK & ATKINS RUTHERFORD, NEW JERSEY

Nurserymen & Florists

Early Care of the Lawn Makes for Beauty Later



The care that you give your lawn now is reflected in its finish later on. Successive light rollings now with each cutting firmly imbeds the earth around the grass roots, smooths out all uneven spots and promotes an even, healthy growth.

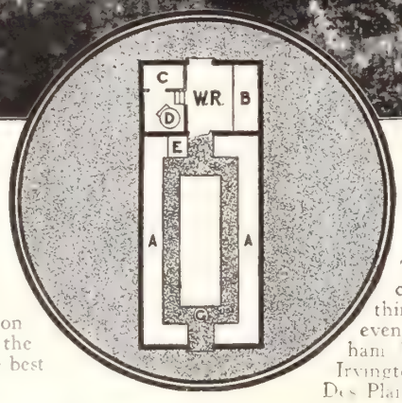
Coldwell's Model "L" Motor Lawn Mower and Roller rolls and mows simultaneously six acres a day on one gallon of gasoline. And when equipped with the new Detachable Gang Units its cutting capacity is more than doubled. Efficient, economical and easy to operate. We shall be glad of an opportunity to show you something of its dependable performance by arranging with our nearest dealer for a demonstration on your lawn. Detailed literature will also be sent upon request.

SINCE 1867
COLDWELL
DEPENDABLE LAWN MOWERS
Hand · Horse · Motor · Gang

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.

Glass Gardens





It has a complete iron frame, and the wood is the best of cypress.

The price includes everything, complete, even to a Burnham boiler, f o b Irvington, N Y or Des Plaines, Ill

For So Little As 1650 Dollars

FOR so little as $1650, you can now secure the complete materials for a house 16 feet wide and 33 long. A house having a goodly sized garden plot, and its own snug little work room.

A house fully equipped with benches, ventilating apparatus and a complete heating system, outfitted with no less than a genuine Burnham greenhouse boiler.

The frame is entirely of steel. The wood is the best of cypress. All materials are given one coat of a special greenhouse paint before shipment, and an ample quantity furnished for two more coats when the house is up.

Here then, is one of the finest little all around Glass Gardens money can buy. We are frank in stating, that it has no equal for the money.

It can be built alone: attached to your garage; or directly to your residence. Some are buying them for winter play places for their children, where they can romp in the sunshine all the glad day long. Therein, may also be a thought for you.

Glad to send you a circular giving full particulars of the house and its equipment.

Lord & Burnham Co.

Builders of Greenhouses and Conservatories

Canadian Factory

Chicago
Land Title Bldg.

Denver

Kansas City

Montreal

Buffalo

Toronto



The garden room is paved with broken flag and from its beamed ceiling hang baskets of delicately trailing ivy that soften the austerity

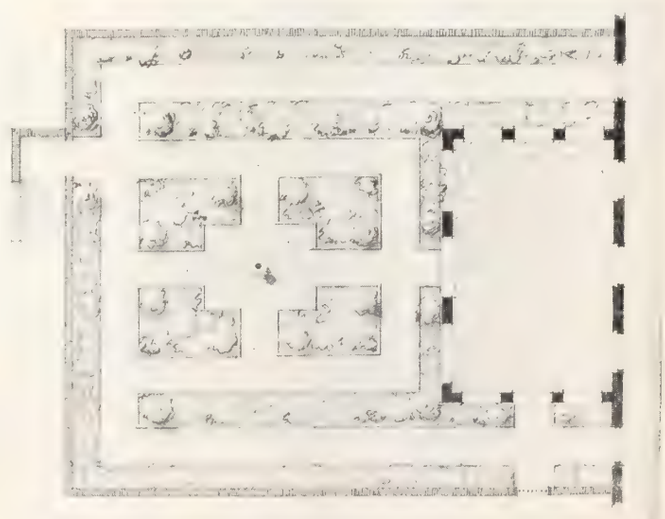
WALLED GARDENS *for* INTIMACY

MINGA POPE DURYEA

A WALLED-IN garden always gives one a feeling of intimacy and content. It shuts out the world by its brick, vine covered walls and seemingly brings its delight closer than ever to you.

This walled-in garden and its open garden room, by reason of its size, delightful proportions and arrangement, is particularly intriguing and its delights are brought closer still by reason of its diminutive size. At the end of the garden is a flight of brick steps leading down into the garden of a lower level, while at the left of the picture, is the quaint old arched iron gate that leads out upon the terrace in the rear of the house. The red brick walls of the garden are almost completely covered with the various flowering vines: Clematis, Honeysuckle, and all the varieties of the climbing Rose in white, pink, yellow and deep coral. At the base of this wall and forming two long beds at the right and left of the house are herbaceous borders edged with tiny dwarf box. The general feeling in the predominance of color is that of coral pink and the tall stalks of blue Delphinium. Snapdragon too, figures in rose and fire color, while the four beds in the center are planted thickly with the fragrant Heliotrope.

The little garden gives one an illusion of another period. Too few houses in America boast of these little retreats wherein we can draw away from the confusion and bustle, read our favorite books and think our happier thoughts; for in this age of excitement and tension we crave a spot all our own, in which to steal away and lose ourselves. Such a spot as this can be literally lived in all summer. Your breakfast may be served here, where you may start a day in peacefulness, or in the evening, finish it in rest and quiet. Yes, these secret places off one corner of the house should be more often thought of and planned with loving care.



Just outside the brick walls with their vine covering are long herbaceous borders edged with box. Heliotrope fills the four central beds

WATER FAN

AN AUTOMATIC OSCILLATING LAWN AND GARDEN SPRINKLER

A rain making machine

SPECIAL FEATURES

It is small, easy and portable.
It waters a [illegible] area.
Evenly and gently like rain.
It is excellent for watering seedlings.

25 Models have new improved motors

odel	Area Covered	Gals. per minute	Water Pressure	Price
o. 4	9x35 ft.	3	25 lbs.	$15
o. 6	14x45 ft.	3	25 lbs.	$15
o. 8	24x45 ft.	5	30 lbs	$18

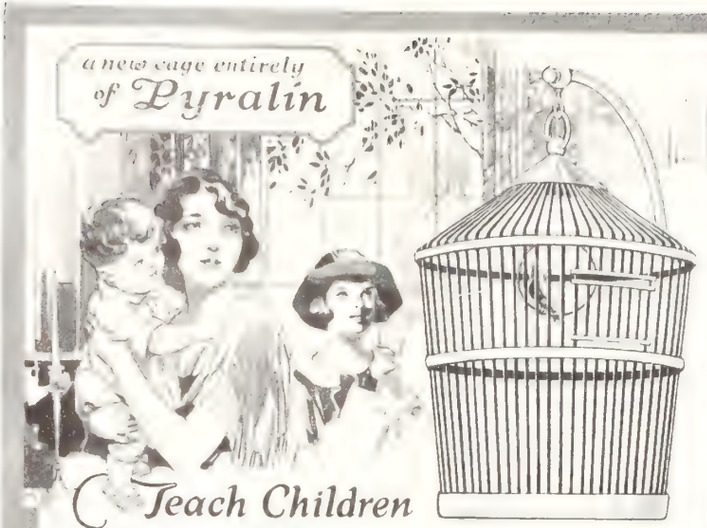
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Special and Commercial Equipment

CAMPBELL IRRIGATION CO
Malcolm C. Ludlam, [illegible]
Woodbury, N. J.

a new cage entirely of Pyralin



Teach Children to Love Birds —

Have a songster in your home. Lively, cheerful, lovable—he'll sing his way into your children's hearts and they'll grow to love animals.

This new cage, entirely of Pyralin, will make him an ideal home. Pyralin is hard, smooth, and sanitary, and there are six beautiful combinations of *permanent* colors to choose from. May we send you a folder in colors?

Exhibited at Chicago in Home Service Model
The Modern Second Hundred Dollars

"HENDRYX" BIRD CAGES
Since 1869

The Andrew B. Hendryx Company, New Haven, Conn.

This interests You because ~

You want a better Lawn, brighter Flowers, earlier and finer quality Vegetables

A Lawn in Two Weeks—Just sprinkle your lawn with *Soilgro* and you get a healthier and stronger sod. Grass seed inoculated with *Soilgro* often sprouts within three days. Several lawns were mowed within two weeks after seeding last fall.

Prize Flowers—*Soilgro* was responsible for plants and perfect blooms that won flower show awards last year.

String Beans in Five Weeks—One *Soilgro* user reports string beans for his table five weeks after planting.

Corn and Potatoes—Equally remarkable results were secured with corn, cauliflowers and potatoes, with strawberries, cucumbers and tobacco.

Miracles of Nature—*Soilgro* results are miracles of Nature, for *Soilgro* is not a chemical fertilizer. It consists of the beneficial bacteria of fertile soil which science has discovered govern the growth of plants. Whatever has roots grows better after a *Soilgro* treatment.

Changes Fertility into Plant Food—*Soilgro* bacteria make the food in the soil or added to it available for plants. They greatly increase growth where commercial fertilizers or manure are present. Good crops have been grown without the use of anything but *Soilgro*.

Easily Applied—*Soilgro* comes in two packages. One contains the bacteria. The other is bacteria food. Simply empty the two packages into a clean tub, bucket or barrel, add four gallons of clean water and let stand five days. Then put a pint of the *Soilgro* liquid into a five-gallon sprinkling can. Fill with water and sprinkle your lawn or garden or inoculate your seeds for planting. This five-dollar size provides enough *Soilgro* for a good-sized lawn, flower garden and kitchen garden.

Write for Soilgro Booklet—For information on what you can expect *Soilgro* to do, write for our booklet, *"Putting the Farm Wisdom of All Ages to Work on Lawns, Flowers and Vegetables."*

Just fill in and mail the accompanying coupon

SOILGRO PRODUCTS, INC.
1340 Broadway, New York City

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1340 Broadway, New York City

Gentlemen:
Please send free your booklet entitled: "Putting the Farm Wisdom of All Ages to Work on Lawns, Flowers and Vegetables."

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WORLD'S BEST
DAHLIAS

100 Acres of them. We are the largest Dahlia growers in the World; an enviable position, made possible only by the appreciation of our experienced and satisfied customers.

Send for our catalogue showing the World's newest and best Autumn Cactus Dahlias.

"RODMAN WANAMAKER"

(Last year grew 13 inches in N. J.; 12½ inches in California; 11 in. 11 inches everywhere) and 13 other varieties in natural colors.

The leading American Dahlia catalogue, telling the plain truth about nearly 600 of the World's best varieties.

Address

Peacock Dahlia Farms
Williamstown, [illegible]
Post Office Box A Berlin, N. J.



Let Fiske Fence Your Tennis Court



Archways

KEEP the balls within the court with an enduring and sightly enclosure high enough to be a satisfactory backstop.

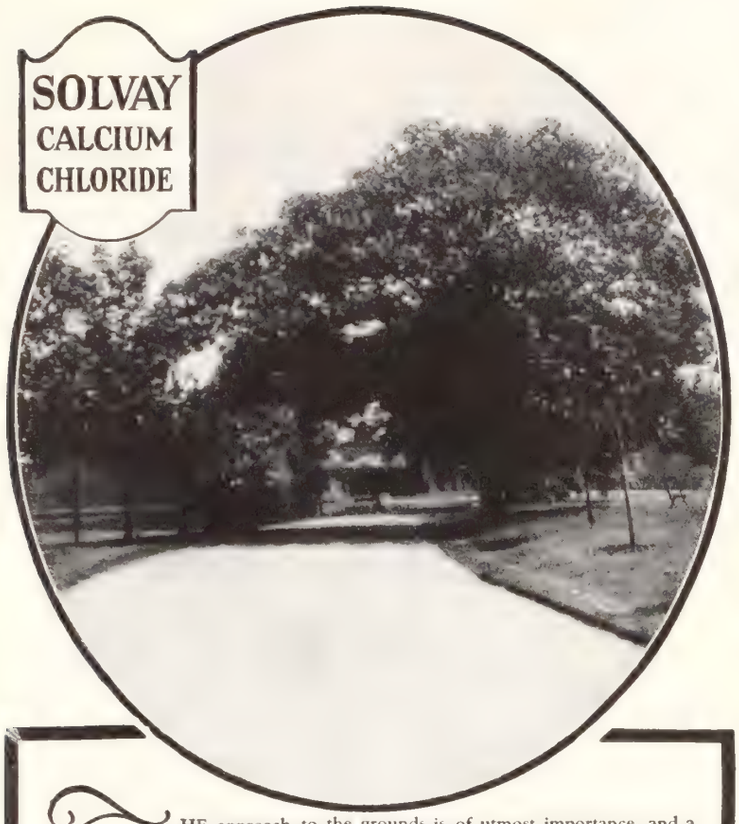
One sure way to satisfaction is a Fiske Tennis Court Enclosure—which is a complete protection of sturdy, rust-proof fencing running from ten feet high to any height you wish.

The fence comes right to the ground line, and the mesh is too small to allow a fast ball to drive through. Used on club and private courts everywhere.

We contract to do the installation work; or we will furnish plans and blueprints with full erecting instructions.

Let Fiske Fence Your Tennis Court
Write for Catalog 15

J.W. Fiske IRON WORKS
ORNAMENTAL IRON WORK
80 Park Place ~ New York
ESTABLISHED 1858



THE approach to the grounds is of utmost importance, and a smooth, compact, dustless, weedless road adds immeasurably to the attractiveness of the general picture.

The ideal road is the Solvay treated road. Send for the Solvay Road Book, and see how easy it is to maintain perfect road surfaces.

Tennis courts are wonderfully improved by Solvay—makes a fast, smooth, weedless surface, free from sun glare. *Write for Booklet No. 1357*

THE SOLVAY PROCESS COMPANY
WING & EVANS, Inc., SALES DEPARTMENT
40 Rector Street, New York

PESTS IN THE FRUIT GARDEN

APHIS. Many forms. Some bright green, others reddish to clay color (as the rosy aphis of the Apple), or black (as the Cherry aphis and Peach-root aphis), or covered with whitish cotton like material as in the Woolly aphis.

Occur throughout the season usually on foliage, sometimes on roots of Apples, Peaches, Plums, Cherries, bush fruits, cane fruits (as Raspberries), etc.

When on foliage apply 3% nicotine dust or nicotine spray as soon as the insects appear. If eggs are present use oil sprays as they are hatching in spring.



APPLE blotch and Bitter rot. Attack the leaves, fruit branches, principally in the Central and Southern belts.

Occur throughout the season. Winter over in the cankers on the trunks and branches.

Spray or dust with copper sulphate-lime three or four times after the fruit is set.



BLISTER mite. Small mites entering between upper and lower surfaces of leaf cause reddish or brownish blisters.

Live throughout the season; badly infested leaves fall early. Attack Apple and Pear.

Delay application of spray for San José until leaves are ¼" long, which kills the newly hatched mites.



A Year 'Round Beauty Spot

There is no finer recreation than gardening. Just think of the delight of planting and pruning and plucking your favorite flowers and vegetables, during the bleak months next winter, in a cozy little greenhouse all your own!

Callahan Greenhouses

Callahan Greenhouses are built in completely finished unit sections. They are shipped painted and with all glass installed ready for easy assembly and erection. Only the finest of cypress is used in the construction of Callahan Greenhouses. The cost is surprisingly low.

Write NOW for the FREE Greenhouse Book

The T. J. Callahan Co.
505 Stout Street Dayton, Ohio

FARR'S SUNRISE COLLECTION OF SPRING BLOOMING BULBS

Coax Spring into your 1926 garden with these lovely Sunrise Collections of Holland bulbs. When Spring comes her path will be lined with Daffodils, Tulips, Hyacinths and Crocus—

"Bespeaking the heart and earth awake
Cheering the morn with glee."

Economical and Useful Collections

50 **Narcissi** in mixture	$2.50	50 **Cottage Tulips**, assorted	$2.75
50 **Single Early Tulips**, assorted	2.75	50 **Dbl. Early Tulips**, assorted	2.75
50 **Darwin Tulips**, assorted	2.75	20 **Hyacinths**, mixed colors	3.75
50 **Breeder Tulips**, assorted	2.75	100 **Crocus**, mixed colors	1.50

1925 Sunrise Collection (420 bulbs) complete, Parcel Post Prepaid, for only $18

A collection of half quantities will be sent for $9.50 postpaid.

If any one or two parts of this collection are not desired they may be deducted at cost. Example: The 1925 Sunrise Collection excepting Cottage Tulips would amount to $18 less $2.75 or $15.25.

Our catalogue of **Better Bulbs—by Farr** will be mailed on request to any reader of this magazine.

BERTRAND H. FARR—Wyomissing Nurseries Co.
106 Garfield Avenue Wyomissing, Pennsylvania



Brings the Birds

Songs in mysteriously sweet keys—the voices of ever welcome birds. Invite them with a Wheatley Bird Bath.

Beautiful designs in Plymouth Gray and Old Ivory enhance the attractiveness of your garden, contrasting harmoniously with the grass, foliage and colorful flowers. Our illustrated catalog will be sent to you upon request.

Dealers' attention invited

THE WHEATLEY POTTERY COMPANY
4617 Eastern Ave., Cincinnati, Ohio

Aphine

The recognized Standard Insecticide.

KILLS PLANT LICE

For over fifteen years, careful growers, both amateur and professional, have been using Aphine successfully for the extermination of plant lice, such as green, black and white fly (the aphis), thrips, soft scale, and the leaf eating currant and cabbage slugs.

Aphine is free from all disagreeable odors, can safely be sprayed on all flower, fruit and vegetable plants, in both house and garden. Roses, sweet peas and chrysanthemums thrive on it. Aphine is the safest and most effective insect exterminator money can buy.

Try a can: Quart, $1.00; Gallon, $3.00; Barrel lots, $2.50 per Gallon.

FUNGINE

For mildew, rusts and other blights affecting flowers, fruits and vegetables. Quart, $1.00; Gal., $3.00.

VERMINE

For eel worms, angle worms, root lice, etc., working in the soil. Quart, $1.00; Gallon, $3.00

Your Dealer Can Supply You

If not, we will ship direct upon receipt of check or money order

APHINE MANUFACTURING CO.
Madison New Jersey

PESTS IN THE FRUIT GARDEN

BORERS. Grubs live under the bark of the trunk, usually near the ground level.

Known by the sawdust piles and gum on Apples, Peaches and other fruits.

Cut the bark and dig out the borer. In peaches spread paradichlorobenzene in September 2" from the trunk, at the base of the tree and cover with soil, remove in three weeks.



BUD moth and case bearers. Small caterpillars of various colors. Early in spring these attack the opening buds of leaves and flowers of several fruits and nuts.

Cover opening buds and leaves with arsenate of lead.



CANKER worms. The name is sometimes applied locally to one of several leaf-eating insects.

In spring, summer and fall on Apple and other fruits.

Dust or spray with arsenate of lead.



CATERPILLAR, tent. Striped caterpillars in large masses in webs or "tents".

Rare Plants From Hicks

THOSE old stately Yew specimen hedges — for years the pride of England, and which you have longed to have in your garden—can be reproduced in American gardens and estates with

Hicks' New Hardy Yew

(*Taxus media hicksi*) raised in our nurseries. Hicks' new Yew has almost the identical habit of the Irish Yew, and the hardiness of the Japanese Yew.

1 to 1½ ft. specimens $5 each

PLANT HUNTING for the newer, rarer sorts is a great pleasure in Hicks Nurseries for there are many unusual kinds of great beauty and usefulness. Plan to visit the nurseries this spring.

HICKS NURSERIES
Box H
Westbury, L. I. New York



DOUBLE ROTARY SPRINKLER
Next Best to Rain

For keeping growing things luxuriantly green and healthy, the DOUBLE ROTARY Sprinkler has proved itself next best to nature's own rains. It is giving full satisfaction to thousands of home owners, park commissioners, nurserymen and golf-course attendants everywhere.

The DOUBLE ROTARY sprinkles "like a gentle shower" over an area 15 to 80 feet in diameter, according to water pressure. Rotates in a perfect circle. Water is forced against the wheel and cut into drops like rain. Durably built of interchangeable parts. Self-operating; needs no attention. A great labor and time saver. Order from this advertisement at low Factory Price subject to our Satisfaction or Money Back guarantee.

DOUBLE ROTARY SPRINKLER CO.
1220 Coca Cola Bldg.
Kansas City, Mo.



Price $12.50 Postpaid

Order on approval. If not satisfactory in every way, return sprinkler and your money will be refunded. Descriptive literature on request.

The "Bob-o-Link"
BIRD BATH



$13.00

Height 32" Saucer 23½" Wide 14" Deep
Net Lbs.

Securely crated and F. O. B. the R. R. Please specify "Marble or Granite" when ordering

Especially priced and designed for [illegible] sized gardens, recommended as [illegible] portion and of [illegible] sent your bird bath on [illegible]. Made of cement. Choice of White Marble or Granite [illegible] process which [illegible] our products to retain [illegible] appearance [illegible] Our beautiful catalog of all kinds of Garden Ware [illegible] sent free on receipt of 10 cents (in stamps). [illegible] your first order.

The BARCLAY COMPANY
[illegible]
Narberth, Pennsylvania



Enjoy Protection and Privacy

A NICE lawn fence protects your grass, flowers and shrubs, and gives your home an atmosphere of privacy not otherwise obtainable. In such a protected lawn your children can play, safe from speeding automobiles, fighting dogs, even safe from undesirable playmates.

Pittsburgh Perfect Ornamental Lawn Fences are exceptionally neat and attractive, and enhance the appearance of any lawn. They are made of heavy wires, ***Super-Zinced*** for great durability. Scrolls can not pull out. The many, closely spaced upright wires bar chickens and keep the fence always trim and erect.

Be sure to get our illustrated booklet, "Lawn Fences that Protect and Beautify;" mailed FREE upon request.

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752 Union Trust Building
Pittsburgh, Pa.

Gentlemen: Please send me, FREE, Your Booklet "Lawn Fences That Protect and Beautify"
Name
Address





Nature Needs Help to Produce a Perfect Lawn or Garden!



WOULD you like to have more and better flowers and vegetables from your garden—your borders and lawn kept in perfect condition—WITH LESS LABOR? The Skinner System of watering will help produce these results for you—easily, certainly, economically.

The Skinner System irrigation experts have published a most interesting book called "Rain", which tells a lot of facts most folks know very little about—why water should be used—the ways to water and the results that can be expected.

Whether you have a small home garden, lawn or a big estate covering many acres you will find this book valuable and extremely interesting. When writing for your copy, please state whether you are interested in lawn or garden watering.

Send For This Book— It's Free!

The Skinner Irrigation Co.,
231 Water St. Troy, Ohio

SKINNER SYSTEM OF IRRIGATION

PESTS IN THE FRUIT GARDEN

Early in spring; "tents" at first inconspicuous, gradually enlarged. On Apple, Cherry, and other trees.

Destroy egg masses in winter; dust or spray with arsenate of lead.



CODDLING moth. Makes the "wormy" apple. The worm hatches after the apple is formed and often enters the apple at the calyx end, eating these a while before penetrating the apple to the core to eat the seeds. Sometimes three or four broods.

In spring and summer it attacks Apples, Pears, Quince, some nuts.

Dust or spray with arsenate of lead just after petals fall and before the sepals close to coat the calyx cup with arsenical poison. For later broods keep growing leaves and fruits covered with an arsenical poison, giving 2 or 3 applications at 10 day to 2 week intervals after the petal-fall application.



CURCULIO. Small snout beetles which puncture fruits, leaving the well known crescent shaped mark.

Sometimes the damage is done from early summer to fall, when the fruit is punctured. Apples, Peaches, Plums, etc.

Keep foliage and fruit coated with arsenate of lead.

Mrs. Calvin Coolidge

A WONDERFUL new hardy garden rose, should be in every garden. Color deep golden yellow, which deep ... $1.50 each $15.00 per dozen; ... $1.00 each, $10.00 per dozen ...

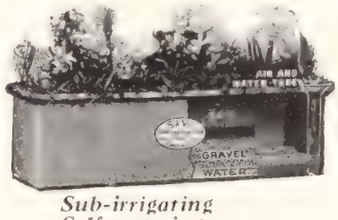


Abelia Grandiflora

A BEAUTIFUL ... flowers are white, tubular-shaped, ... until Fall. ... each $2.00 per dozen ...

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TARRYTOWN-ON-HUDSON NEW YORK

SAVO FLOWER and PLANT BOX
Made of ARMCO Ingot Steel
Ideal for Windows, Ledges, Porches, Sun Parlors, Etc.



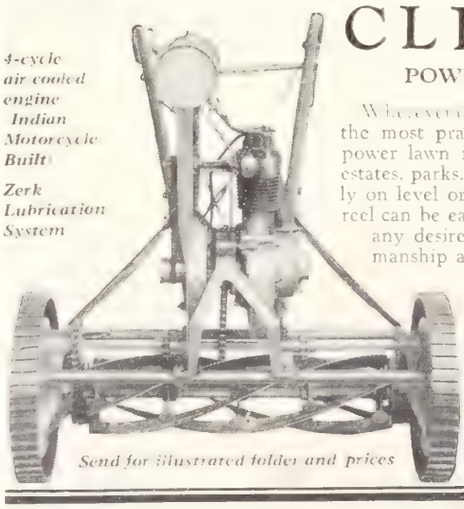
Sub-irrigating
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Leak-proof
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6 SIZES

Have the Joy of an All Year Around Garden

You can have larger, stronger, healthier flowers with more beautiful blossoms if given perfect AIR circulation and drainage in a SAVO Box. Made of rust-proof Armco steel in aluminum or green enamel finish. Many exclusive points—cannot be compared with ordinary, cheaply made metal boxes.

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4-cycle air cooled engine Indian Motorcycle Built

Zerk Lubrication System

CLIP-MOR
POWER LAWN MOWER

Wherever used the CLIP-MOR is acclaimed the most practical, economical and efficient power lawn mower ever designed for large estates, parks, etc. It cuts evenly and smoothly on level or terraced ground. The cutting reel can be easily and quickly adjusted to cut any desired height. Materials and workmanship are of the highest quality. The CLIP-MOR is guaranteed to give complete satisfaction and the cost is lower than you expect.

Send for illustrated folder and prices

THE HELD TRACTOR Co.
609-611 North Fourth St.
COLUMBUS - OHIO

NEW HEALTH and VIGOR For WORNOUT SOILS



"The Essence of Fertility"

SODUS HUMUS

You cannot keep taking from the soil and continue to get a par yield from it.

Put back into it that all-important element upon which plant growth depends—**Nitrogen**. Of all humus ... and tests prove it ...

SODUS HUMUS
The Essence of Fertility

is richest in nitrogen. Its use is positive assurance of a maximum yield from the soil it fertilizes.

If you are engaged in plant growth of any kind, you will find the use of Sodus Humus very beneficial.

Try a 2-bushel sack and wherever you fertilize you will prefer SODUS. Sweet and odorless.

"Humus and its Relation to Plant Growth," an authoritative 32-page book, free on written request.

SODUS DISTRIBUTING CO.
194 Main St. Benton Harbor, Mich.

PESTS IN THE FRUIT GARDEN

CURRANT worm. Green worms with black spots, about 1" long.

Usually first on lower leaves of Currant and Gooseberry.

Spray with arsenate of lead as soon as fruit forms; usually this is enough, but if necessary to spray [illegible]



LEAF hoppers. Small yellowish or whitish hoppers.

Live throughout summer and fall, feeding on [illegible] causing them to turn brownish. Apples, Grapes, etc.

Dust with 3% nicotine, dust on a bright, still [illegible] This will destroy almost any insect life.



LEAF rollers. Greenish worms which roll [illegible] and destroy the fruit.

In summer and fall, on Apples.

Give dormant oil spray to destroy eggs. In summer, [illegible] with clear arsenate of lead.



PEACH leaf curl. Causes the leaves to blister, curl and fall off.

In spring and early summer on Peaches.

THE MILBRADT POWER LAWN MOWER



A Beautiful Lawn Adds to the Beauty of Your Home

The MILBRADT Power Lawn Mower now makes play of the grass cutting job. It is a sturdy, simply built machine, so easy to operate that a boy can run it. The finest kind of a motor furnishes power to enable the machine to climb any grade and cut all kinds of grass. Cuts around flower beds, trees and bushes, no trimming being necessary. Shipped to responsible parties subject to trial.

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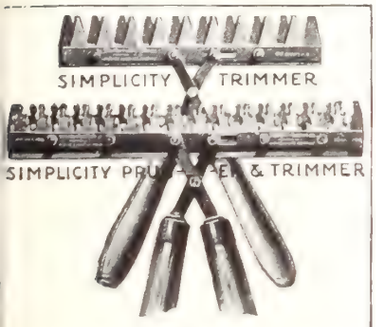
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New York Office

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Takes care of more hedge—in less time —with less effort

Once you have used a Simplicity Trimmer or a Simplicity Pruner and Trimmer over your hedge you will never revert again to the old-fashioned man-killing implements used in the past. Light in weight, easy to operate, and moderate in cost, the Simplicity will do the job in one-third the time usually required. Made of finest Carbon Steel. Cuts both in opening and closing. Sold at [illegible] and dealers everywhere.

Trimmer $4. Pruner and Trimmer $6
$.50 extra west of Mississippi

Trenton Patent Mfg. Co.
Trenton N. J.

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TRIMMERS & PRUNERS

If Every Gardener Knew What *Some* Gardeners Know



There would be no doubt about success with Waterlilies. They can be grown in any garden not as much "trouble" as ordinary annuals. Hardy varieties may be planted in late May; tender varieties in June. You can learn how easy Waterlilies can be grown by sending for

My New Catalogue

which tells how to grow them in tub or pool. Contains the best varieties, both in white and colors, for the beginner in water gardening. A copy of this booklet will [illegible]

WILLIAM TRICKER, *Waterlily Specialist*
662 Forest Street Arlington, New Jersey



Improve and Beautify Your Lawn

by using a "Clean Edge" Trimmer on the borders and edges

A TIME and LABOR SAVER
WORKS LIKE A SHEAR

Trims around trees, shrubbery, walks, and edges. No cutting of turf or preparation of any kind required. A necessity on even the smallest lawns. We sell direct.

Price $9.50

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Urbana Ohio

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Underground Frost-Proof Lawn and Garden Sprinkling Systems



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The Insecticide Supreme



For your Flower and Vegetable garden, Evergreens, etc. For Box Mite, Rose Bugs, Lace Fly, Spruce Gall, Red Spider, Aphis, Thrip and other insects. Recommended by the Officers of the Garden Club of America.

Write for the circular that proves "why bugs leave home"

Andrew Wilson INC.

Springfield, New Jersey

For Sale by All Dealers

1 gallon can ..... **$ 3.00**
1-5 gallon can **10.00**

A new and better way—

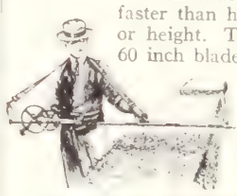
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HEDGE TRIMMER

operates either by hand or electric power

Ask for circular of portable electric outfit



Saves time, labor and money. Does better work 10 times faster than hand shears. Adjustable to hedges of any shape or height. Thousands now in use. Three sizes, 30, 40 and 60 inch blades $20 up. Lawn clipping attachment $15 extra.

Write for descriptive circular and testimonials.

At your dealers or direct from **Agents Wanted**

DETCO MANUFACTURING CO.
P. O. Box 202 Oaks, Mont'g. Co., Pa.

PESTS IN THE FRUIT GARDEN

Spray or dust in fall or very early spring before buds start with copper sulphate-lime, lime-sulphur or other fungicide.

RED spider, clover-leaf mite. Sucks the sap, causes foliage to become dry and leathery.

Summer and fall, on Apples, Raspberries and a great many fruits.

Dust with 3% nicotine or sulphur if 80° F. or over. Needs to be repeated in 5 days to destroy newly hatched broods. To destroy eggs give dormant oil spray.



ROT, Black. Downy mildew, Bitter rot. Fruit turns purplish brown or downy and shrivels.

In summer, on Grapes.

Spray or dust with Bordeaux as soon as out of bloom and repeat at 10-14 days interval for 2 or 3 times. Put a bag over each bunch.



ROT, brown. Attacks the fruits, leaves, twigs and forms cankers on branches.

Throughout the season. Known by the cankers on limbs, brownish dead leaves and twigs, brownish and mummified fruits. Peaches, Plums, Apricots and sometimes other fruits.

Use sulphur dusts or sprays throughout the season, except on Apricots for which fruit heavy Bordeaux sprays are given up to bloom.



For the

Dark Places

The charm of Homart hammered iron lanterns can only be imagined until you actually see their quaint beauty.

There are thirteen appealing designs with wall brackets or chain hangers—very moderately priced at $6.50 to $19.00. The frame work and hangers have the natural old iron finish with transparent protecting lacquer. The glass is opalescent white. Amber glass, 50¢ additional.

Write for booklet showing approved Homart chain hangers and wall brackets.

Lanterns are made entirely by hand and are perfectly safe for indoor and outdoor use.

Write for Descriptive Folder
Dealer Inquiries Invited

Homart Studios
227 Fulton Street
New York

120 Bulbs 12 Months Sub. $3

Luther Burbank says:—"No other so thoroughly practical, well edited, and generally interesting."

"THE FLOWER GROWER"

Entirely Unique Among Monthly Magazines

THE FLOWER GROWER is all that the name implies AND MORE. It tells all about flowers and it tells many other things of interest to those who aspire to better living conditions and more beautiful surroundings. It teaches **balanced activities** and a **sane perspective.**

Departments for the Rose, Dahlia, Iris, Peony, Gladiolus, and other flowers, Queries and Answers, Musings, Timely Suggestions, Our Birds, and many other helpful and interesting things. An editorial department and an EDITORIAL POLICY, which is strangely lacking in most magazines.

More than 500 pages reading matter yearly—subscription $2.

OFFER: 120 Gladiolus Bulbs grown in the Editor's own garden, postpaid, and a year's subscription (12 issues) both for $3. By far the best value I have ever given. You cannot fail with these bulbs.

Plant the bulbs, watch them bloom, read **The Flower Grower, and see what happens.**

Madison Cooper, *Editor* **12 Court St., Calcium, N. Y.**

WHY Let Young and Middle-aged Trees Die?

—even OLD decayed trees are easy to save



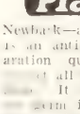
A Limb Snapped Off

a jagged stub remains. Soon fungi appear. Deprived of leaves it dies out and dies. Deadwood is the delight of wood destroying fungi and insect, and they gain ready entrance into the very heart of the tree.

Write for free booklet

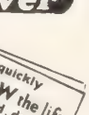
written by one of the foremost arboriculturists. Tell all about tree ailments and how to easily heal them.

A Small Patch of Bark Nicked Off anywhere on the tree



Wound appears trivial but the white wood dries, cracks form, insect borers and fungi enter and soon it is a dying tree.

An Old Wound



The bark may be "growing over" but it is unprotected decay is probably well advanced.

Let Your Gardener Be Your Tree Surgeon With

Newbark Plastic Tree-Saver

Newbark—a natural tree salve, is an antiseptic, plastic preparation quickly applied, to protect all wounds of bark or wood. It kills and keeps out germ infections, parasites, insects, fungus growths, and tree disease. For tree-surgery and repair work. Stays plastic. Will not crack. Satisfaction guaranteed.



The Newbark Company, 4-10 Orchard Road, Clinton, N. Y.



PESTS IN THE FRUIT GARDEN

SCAB. Causes dark colored spots on leaves or fruit.
Throughout season, spreads most during spring. Apple and Pear.

Spray with lime sulphur before blossoms open, after blossoms fall, and two weeks later; burn leaves and twigs in fall.



SCALE, oyster shell. Dark brown scale like elongated oyster shell about 1/8" in length, the young resembling active whitish ice.

Throughout season, young hatching in May or early June Apple and other fruit trees.

Same as for San José; also nicotine or kerosene emulsion as oon as young hatch.



SCALE, San José. Minute, yellowish, sucking insects covered with small shell or scale, the size of a pin-head; presence ndicated by gray scurvy appearance of bark, and minute red immed spots on fruit.

Throughout season; multiplies with extraordinary rapidity. Apple and other fruit trees.

Dormant sprays in early spring or fall, with lime sulphur or il sprays.



HIGH-CLASS FIELD-GROWN

ROSES

All the old friends and the newest varieties

Write for descriptive catalogue, containing planting and cultural suggestions.

THE ROSE FARM, Inc.
Purchase (near Rye Lake) White Plains, N. Y.



Felstone!
and your GARDEN

Would you like your garden the perfect picture? Then choose from the Felstone collection the most beautiful stone garden furniture made. Our handsome new catalog, with more than a hundred exquisite designs, mailed on request.

The FELSTONE COMPANY Inc.
BILTMORE - NORTH CAROLINA



For Better Gardens- Perfect Flowers

You can have them in all their beauty and perfection by keeping plants, leaves and buds free from aphis, spray with "Black Leaf 40." That is the successful gardener's way. He keeps it on hand knowing that aphis may make its appearance almost over night. A 35-cent bottle will make 6 gallons of effective spray. At your dealers.

TOBACCO BY-PRODUCTS & CHEMICAL CORP.
Incorporated
LOUISVILLE, KY.



Spray
Black Leaf 40"
40% Nicotine
Kills Aphis



Can you see your laundry through the old fashioned lattice work?

WOVEN WOOD FENCE effectively screens laundry yards. Permits free circulation of air but obstructs the view. Ready to erect. In sections 5 ft. long, 6 ft. 6 in. or 4 ft. 11 in. high. Write for booklet.
ROBERT C. REEVES CO. 187 Water St., New York City



Carolina Hemlock
Tsuga caroliniana

"As you know I consider this tree (Carolina Hemlock) the handsomest conifer we can grow in New England." Prof. C. S. Sargent, Director Arnold Arboretum, Jamaica Plain, Massachusetts, October 1923.

Introduced to cultivation by Harlan P. Kelsey

	Each	10
Fine specimens, 2-3 ft.	$3.50	$30.
Fine specimens, 3-4 ft.	6.00	50.
Fine specimens, 4-5 ft.	12.00	100.

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KELSEY-HIGHLANDS NURSERY
HARLAN P. KELSEY
Hardy American Plants,
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The New STAYTITE Handle Identifies P. Q. Lawn Mowers

The Mower of Longest Life

Be sure to ask for a PENNSYLVANIA Quality Lawn Mower —the mower that needs no repairs or sharpening. You can identify it at once by the STAYTITE Handle.

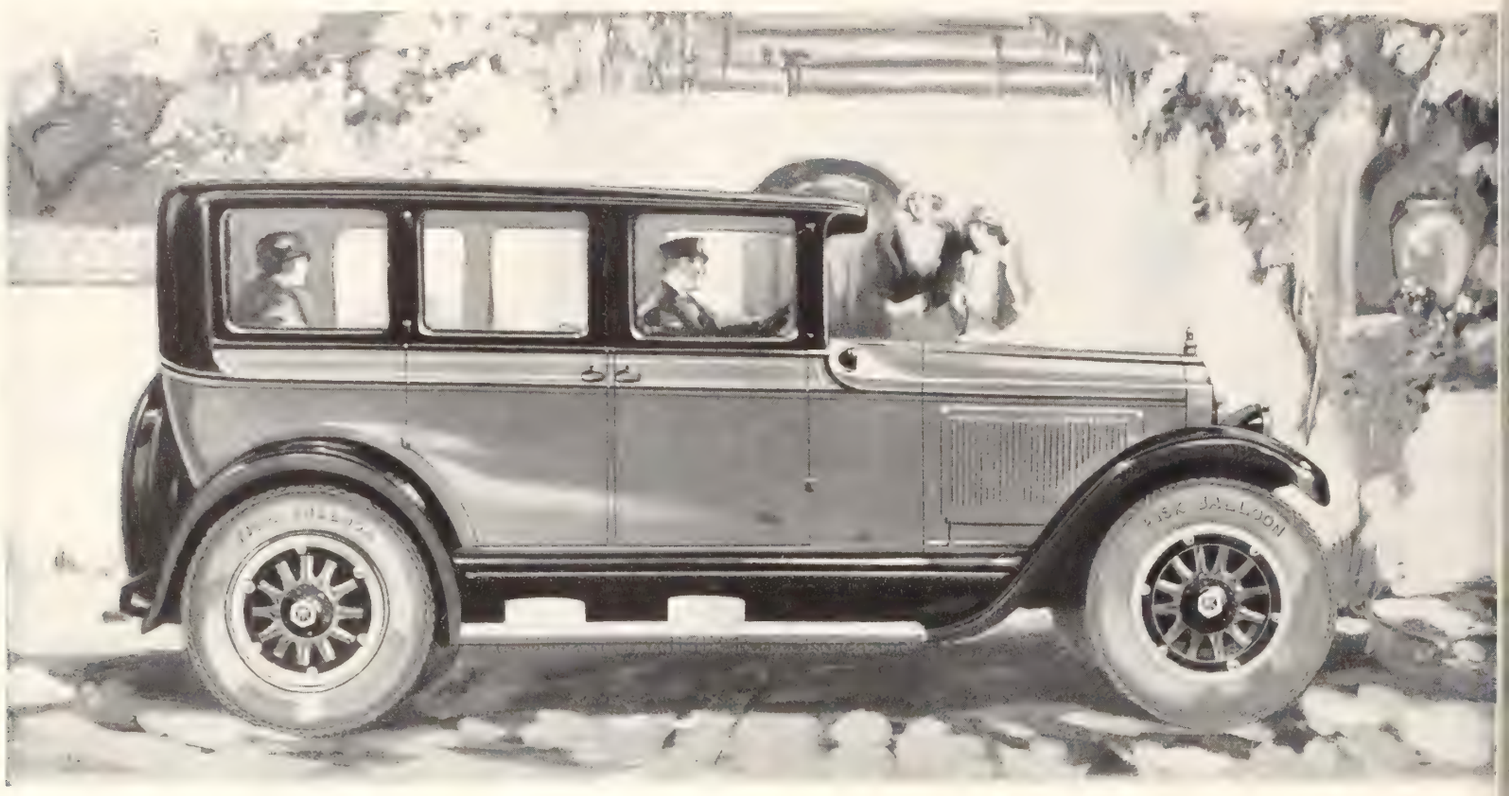
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Residence Farrington Road E., Cleveland, Ohio. Owners and Builders: The Joseph Larong Co. Architect: Jos. J. Weinberg. Bishopric used on the Interior and Exterior.



THE DRUM

Bishopric Stucco is shipped in hermetically sealed metal drums. There is no waste or deterioration in storage and you are assured of absolutely fresh new material. The Roll and the Drum meet with the endorsement of architects, builders and satisfied homeowners throughout the world



THE ROLL

Bishopric Base comes to the building operation in large rolls containing 100 square feet. It is easily handled, quickly cut to desired size without waste—Bishopric Base saves 25% in plaster or stucco material and increases the strength of the building

Bishopric meets all

of these requirements

— beauty, permanency, economy, lasting satisfaction

THE greatest thrill in life comes with the planning, building and furnishing of a real home. It is a thrill which turns in time into lasting happiness and is the one objective to which we all look forward.

A real home is one of beauty, permanency, economy and lasting satisfaction, and the proper selection of materials which meet these requirements is absolutely essential.

GET THIS BOOKLET

We have prepared for you a valuable illustrated booklet, "Bishopric For All Time and Clime," which tells of the beauty of Bishopric Stucco both in color, texture and finish. It unfolds to you the economy of a wall built of Bishopric Stucco over Bishopric Base,—how these two master materials keep out heat, cold and moisture, and make your home one of real living comfort.

This booklet tells the story of the great strength of Bishopric Stucco which means permanency on the wall. It tells how Bishopric engineers and modern machinery have revolutionized the manufacture of stucco by means of expert supervision and careful mixing of selected materials which will provide for the greatest strength and permanency.

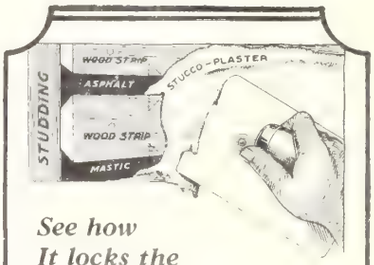
You must know the wonderful story of Bishopric Base and why it is the logical background or foundation for stucco construction; how it locks the stucco to the wall, increases its strength and adds to the investment value of your new home.

Write today for your copy of "Bishopric For All Time and Clime." There is no obligation and we send it to you with the assurance that you will receive valuable information for the building of your new dream home.

Bishopric is Sold by Dealers Everywhere

The BISHOPRIC MANUFACTURING Co.
924 E. H. W. CINCINNATI, OHIO

BISHOPRIC MFG. CO. OF CALIFORNIA



See how It locks the Stucco

Bishopric Base is first nailed securely to the framework of the building

When Bishopric Stucco is mixed with water it becomes plastic. It is then referred to as mortar

This mortar by means of a trowel is laid on over Bishopric Base, going over and in between the wood strips and locking into an inverted wedge clasp which holds forever.

Note how the wood strips of Bishopric Base are imbedded in a tough layer of asphalt mastic on a wood-fibre background which shuts out moisture, heat, cold and vermin.

BISHOPRIC STUCCO *over* BISHOPRIC BASE

"A Complete Wall Unit for all Time and Clime"



A FAMILIAR FRIEND IN A NEW DRESS

"*There goes another New Marmon,*" is the comment of today. To the prestige of Marmon engineering has been added the prestige of new artistry in lines and colors. People who are quick to recognize new excellencies have singled out the New Marmon as the most beautiful car of the year. The whole country says, "*It's a Great Automobile.*"

Only $130 more than the open car—New Marmon Standard Closed Cars. Not "coaches," but genuine, full-fledged closed cars with four (4) doors, mounted on the famous Marmon 6-cylinder chassis of 136-inch wheelbase. *Also*—New Marmon De Luxe Models, permitting intimate expression of personal tastes.

Open Cars, $3165. Closed Cars, $3295 to $3975 • • *All prices f.o.b. Indianapolis, exclusive of tax*

The NEW MARMON

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REO

INSTITUTIONAL soundness ~ ~ the most stable corps of trained factory workmen in the industry ~ ~ manufacturing self-containment which eliminates parts makers' profits ~ ~

These are some of the factors that have made it possible for Reo to design, manufacture and sell the Model G Sedan at a price never before associated with a full-sized, four-door sedan of similar quality.



The New

STUDEBAKER

BIG SIX BROUGHAM

THE new Studebaker Big Six Brougham is a car of smart lines and marked distinction. It will appeal to the discriminating buyer who wants the best and who will be surprised to find such a fine car available at such a moderate price. Four doors—full-width seats. Steel trunk in rear. Your Studebaker dealer will be glad to show you this new Brougham. See it before you buy.

$2575

F. O. B. FACTORY

Price includes front and rear bumpers and extra balloon tire

THIS IS A STUDEBAKER YEAR

BUILD THE NATION SECURELY WITH

INDIANA LIMESTONE

The NATION'S BUILDING STONE

Interesting Facts About INDIANA LIMESTONE

Number Five

In the great mills in the Indiana Limestone district today, the stone carver's mallet and chisel are replaced by marvelously ingenious labor-saving machines, for almost every conceivable purpose. They plane and split huge blocks; they fashion tiny bits of artistic trimming in patterns of lace-like delicacy. They turn huge columns for monumental buildings. Circular saws into whose teeth are molded genuine black diamonds saw the stone at the rate of 60 inches per hour—a goal hardly dreamed of a decade ago.

Builders today, convinced of the practicability of small homes, are showing great interest in short-length stock Indiana Limestone.

This grade of stone used as a veneer over stud frame walls or a backing of brick or hollow tile, is the most economical form of stone construction. The cost of such a home is only 5% or 6% higher than that of a frame house or one faced with brick. When it is considered that stone walls will last for generations without deteriorating in either beauty or sound structural qualities, and require no expense for upkeep, the slight increase in the cost of the stone is easily made up. *Furthermore the sale value of such a house is enormously increased by the use of stone.*

Cut stone contractors throughout this country and Canada carry large quantities of short-length stock furnished by the Indiana Limestone producers for special use in small house construction.

Our Portfolio of small house designs, conceded to be one of the finest collections of its kind to be issued by any building material producers, will be sent upon receipt of 50c. Address: Indiana Limestone Quarrymen's Association, Box 782, Bedford, Indiana





FIDELITY to the fine traditions of the American Home within the limited confines of a town apartment is a problem to which modern designers must give careful thought. Buyers, too, must choose with special care those "key" pieces which are to impart to such surroundings the fine flavor of a real home.

The pieces shown are a solution for those who love the simple elegance and quaint individuality which marked the belongings of our own forefathers. The Duncan Phyffe living room table in crotch mahogany is so correctly proportioned that it instantly becomes a smart dining table.

The chairs which frame the Sheraton console table are dining height, and the console itself will hold sweets and coffee. The severity of outline required for the formality of dining is softened and mellowed for normal use by the low reading chair with its quaint ruffled skirt and cover of glazed chintz.

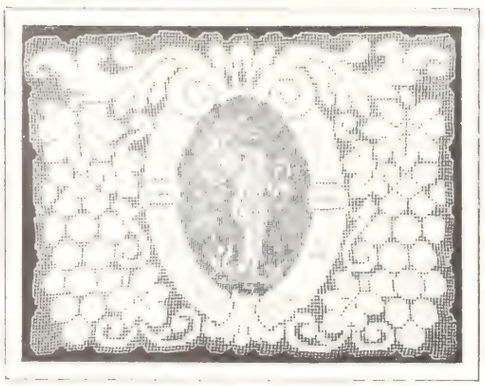
These and other delightful Elgin A. Simonds productions are shown by Dealers of Distinction everywhere. Write for the names of the nearest.

THE ELGIN A. SIMONDS COMPANY

New York Syracuse, N. Y. Chicago

SIMONDS

Individualism — in Good Furniture



Above: One unit in a four piece luncheon set; three pieces of which are shown here. Made in Madeira of pure linen with Mosaic, filet-lace and de Lamone Appliqué embroidery. Two place mats, 15 x 16 inches, two runners, 14 x 70 inches. Set complete $179.00

Why ponder, O wedding guest?

AMONG all conceivable wedding gifts, fine linen has always made its appeal strongly.

For as in the case of the unusual luncheon set presented here, decorative linen consummately combines beauty with serviceability. The low price of this set is interesting, too.

By sending buyers abroad several times each year, Macy's is able to import direct from "schools," as the workshops of Florence and Venice are termed, as well as from the country districts of Belgium, France and Germany.

One advantage of this method is reflected in the extremely low prices quoted here.

If you are unable to visit Macy's Decorative Linen Department in person, you are cordially invited to shop by mail thru the Personal Shopping Bureau.



Table plan showing correct arrangement of linen illustrated. This luncheon set is designed for the refectory or oblong table seating six persons

[illegible] made of Madeira Cut-work and hemstitched squares. Rose pattern mosaic border. 60 inches square. An un-

[illegible] 14 x 54 inches. $5.79.

Imported Normandy lace boudoir cushion slips. Round, oval, oblong, heart shape. $4.96 to $11.89 each.

R. H. Macy & Co. Inc.
34th St. & Broadway NEW YORK CITY



Write for miniature photograph and description of all the pieces of this Berkey & Gay Suite—The "Concord"—and name of your nearest dealer.

Take a Tip from CINDERELLA!

CINDERELLA was beautiful in a chimney corner, but nobody noticed it until she appeared at the Prince's palace.

Diamonds sparkle anywhere, but they sparkle most brightly in settings of filigreed platinum.

Even the wise old owl poses on a crooked limb against a harvest moon!

Beauty requires an appropriate background.

And every mother knows that home is the background against which the charm and sweetness of her daughters is most critically observed.

To create of this background a thing of refinement and beauty, is obviously quite as important as the supervision of their education, their manners, and their attire.

Life is a drama and the scenic effects can never be safely forgotten.

Cupid has many arrows for his bow, but one of these, and not the least, is *background*.

Candle-light on old silver, linen that hints of Dublin looms, shadows that half conceal and half reveal the quiet beauty of good furniture—these are allies of youth that the wise have understood these many hundreds of years.

They reveal what cannot always, in good taste, be frankly expressed—a cultivated aptitude for the fine art of attractive home making.

Moreover, beautiful furniture is no longer costly.

For example, THE CONCORD dining-room suite, illustrated above, is just one among a great variety of charming Berkey & Gay patterns now available at prices ranging from $350 to $6.000.

THIS SHOP MARK IS INSET IN EVERY BERKEY & GAY PRODUCTION

BERKEY & GAY FURNITURE

IT IS THE CUSTOMERS PROTECTION WHEN BUYING AND HIS PRIDE EVER AFTER

THE CONCORD is distinctive in its use of oval panels of Gesso. Gesso is a form of painted decoration in which the figures are raised and in relief—much in the manner of a cameo. A creation of the old eighteenth century Italian craftsmen, Gesso has never before been used commercially in America. Only artists skilled and experienced in this particular work can produce Gesso.

Figured in old, antique burnished gold, the Gesso work on THE CONCORD suite harmonizes beautifully with the mellow brown tone of the walnut and other decorative woods used. It is a Berkey & Gay touch—typical of the artistry and up-to-dateness of Berkey & Gay creations.

Write to Berkey & Gay Furniture Co., Grand Rapids, Michigan, for miniature photographs and complete descriptions of THE CONCORD pieces, and for the name of your nearest Berkey & Gay dealer.

BERKEY & GAY FURNITURE CO.

Wholesale Showroom; 115 W. 40th St., New York City

Associated Companies

WALLACE FURNITURE CO. ~ GRAND RAPIDS UPHOLSTERING CO.

GRAND RAPIDS, MICHIGAN



One of the Home Interiors is a sunlit breakfast room with painted furniture, a rush rug, chintz hangings and salmon-tinted walls.



Mauve and green are charmingly combined in the sunroom to suggest its possibilities as a cool, summer retreat.

The Home Interiors

ROOMS THAT SIMPLIFY A BRIDE'S PLAN FOR HER NEW HOME

IN the rush of events prior to the wedding, how little time the bride finds for the careful planning necessary to make her home as charming as she would have it be. *The Home Interiors* – six rooms on the Furniture Floor, will prove very helpful not only to her, but to her family and friends who are in quest of gifts. For here are various types of rooms that mirror the smartest tendencies in modern decoration, including color treatments, furniture, hangings, rugs, lamps and decorative objects.

SIXTH FLOOR

Lord & Taylor

FIFTH AVENUE : NEW YORK



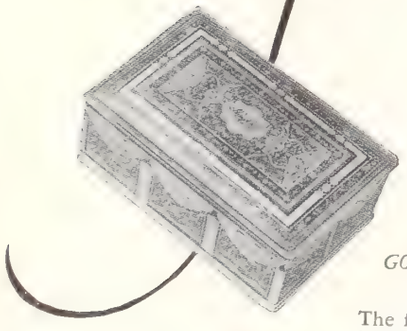
The wall cupboard, panelled fireplace and authentic reproductions of Early American furniture give the living-room quaint charm.



Golden Days

GRADUATION—PRETTY FROCKS
GOLDEN DAYS TO BE REMEMBERED

On such occasions Huyler's
and happiness meet



GOLDEN PARISIAN PACKAGE

The finest assorted chocolates and bon bons. Smart golden metal box.

Huyler's
NEW YORK

AMERICA'S FOREMOST FINE CANDY

ATWATER KENT RADIO



A glimpse at the studio of HARRISON FISHER, *the artist, where the Model 20 is installed.*

EVEN THE PARTS YOU DON'T SEE

EVERY Atwater Kent owner knows that his set is exceptionally well built. If he should take it to pieces he would find every part, down to the smallest hidden screw, soundly and conscientiously made.

In twenty-four years of experience in the manufacture of electrical instruments of precision we have done it in no other way.

The result of this policy is that those who can choose *any* radio set are apt to prefer the consistent, satisfying action of Atwater Kent Receiving Sets and Radio Speakers.

For tone, volume, distance, selectivity, appearance—you can be absolutely sure that better designed Radio Sets and Speakers cannot be found.

And your dealer knows how little attention they require after reaching your home. For they have received more attention than they need before they left our factory.

ATWATER KENT MFG. CO. · PHILADELPHIA, PA.



DE LUXE MODEL



MODEL 20 COMPACT



MODEL 10

Now the simplest home

the hidden comfort once found only in expensive houses

Three years ago these facts created a sensation among technical men. Now, backed by thousands of tests, they are laid before home builders

EXPENSIVE homes, like expensive motor cars, have a hidden comfort.

On coldest winter days these costly homes are always cozily warm and pleasant. Icy blasts bring no discomforts of "cold rooms" or "cold sides," no unhealthful draughts.

On hottest summer days these homes are strangely cool. And they are always restfully quiet.

Every man has wanted such home-comfort for his family. Yet, the hidden thing that gives it has cost too much—more than most home builders could afford.

But now the simplest home can have it. One of the most important discoveries in building history has made it possible. We have waited three years to tell the story of this discovery. Now, backed by complete and absolute proof, the facts are given to you.

In costly homes—this hidden value

Between the walls of costly homes architects have, for years, placed special materials. This is called insulation—heat-insulation.

It is the secret of their greater comfort.

The principles of insulation have long been known and applied in many ways. It is used in your ice-box to keep heat out. It is used in your fireless cooker to keep heat in.

In the walls of a house, insulation acts in the same way. In winter it keeps heat *in;* in summer it keeps heat *out.*

Scientific tests prove that there is a heat leakage of 25 to 35 per cent through the walls and roof of a building constructed of ordinary materials.

Insulation stops this waste. The year around, in all climates, it gives greater healthfulness and comfort than can be obtained in any other way.

Yet, insulation has always been an added expense—something found only in expensive homes, because few could afford it.

A revolutionary discovery

Then, after years of scientific research, a revolutionary discovery was made.

A long period of investigation and experiment developed the fact that sugar cane fibre (bagasse), one of the longest and toughest fibres known in any plant or tree in the world, possessed the remarkable qualities necessary for the fabrication of a revolutionary building material.

A mammoth plant was built to fabricate this fibre into a strong, durable building lumber which contains millions of sealed air cells—the most efficient form of insulation known to science. It was called Celotex Insulating Lumber. Three years ago it was put upon the market—the first *insulating lumber* the world had ever seen.

Celotex made it possible, for the first time, to build a completely insulated house practically without extra cost.

Values never before known in any ONE *material*

Celotex Insulating Lumber is a new, wholly unique building material—utterly different from anything made, grown or mined. It combines three great advantages found in no other one material.

Insulation is provided by Celotex—insulation equal or superior to that given by any available insulating material known.

Celotex used on exterior and interior walls is equal, as insulation, to three and one-third inches of solid wood, twelve inches of solid plaster, twelve inches of solid brick, or twenty-four inches of solid concrete!

Celotex has a greater ability to prevent the transmission of sound than deadening felts and *eliminates* the use of such materials.

Structural strength is supplied by Celotex. It makes a wall section many times stronger than the wood lumber it replaces. No other insulating or sound-quieting material has this quality.

The story three years has told

It is now three years since Celotex Insulating Lumber was put upon the market. It has been built into thousands of homes in every part of the United States and in many foreign countries.

In every climate, under every condition, Celotex has been tested—and everywhere has completely demonstrated its amazing qualities. It has revolutionized home-building ideas and established new standards of comfort and healthfulness.

How CELOTEX *Insulating Lumber is used*

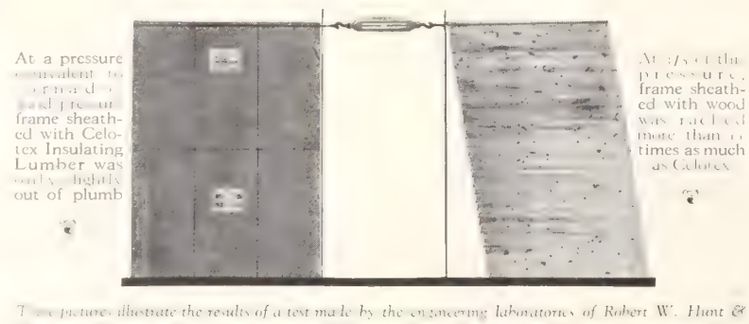
You use Celotex on the outside walls of your house and under the roofing in place of the wood lumber known as sheathing. Test after test by unquestioned authorities has proved that a wall sheathed with Celotex is many times stronger and more rigid than one as ordinarily sheathed with lumber.

This use of Celotex gives you heat-insulation without extra cost.

You use Celotex in place of lath, as a plaster base. Plaster bonds with Celotex and produces a wall several times as strong as one made with plaster and lath. And one less likely to crack.

This use of Celotex also gives you heat-insulation practically without extra cost.

Wherever used, Celotex replaces wood and any form of insulation. It adds practically nothing to the cost of building.



These pictures illustrate the results of a test made by the engineering laboratories of Robert W. Hunt & Company, to determine the relative strength of Celotex and wood as sheathing. It was demonstrated that a wall sheathed with Celotex is several times as rigid as a wall ordinarily sheathed with lumber

YOUR *home can have this greater comfort*

Now, your home, however modest it may be, can have the comfort of the finest mansion. In winter it will be snug and warm, even on the coldest day. Temperatures in every corner of the house will be even and healthful day and night.

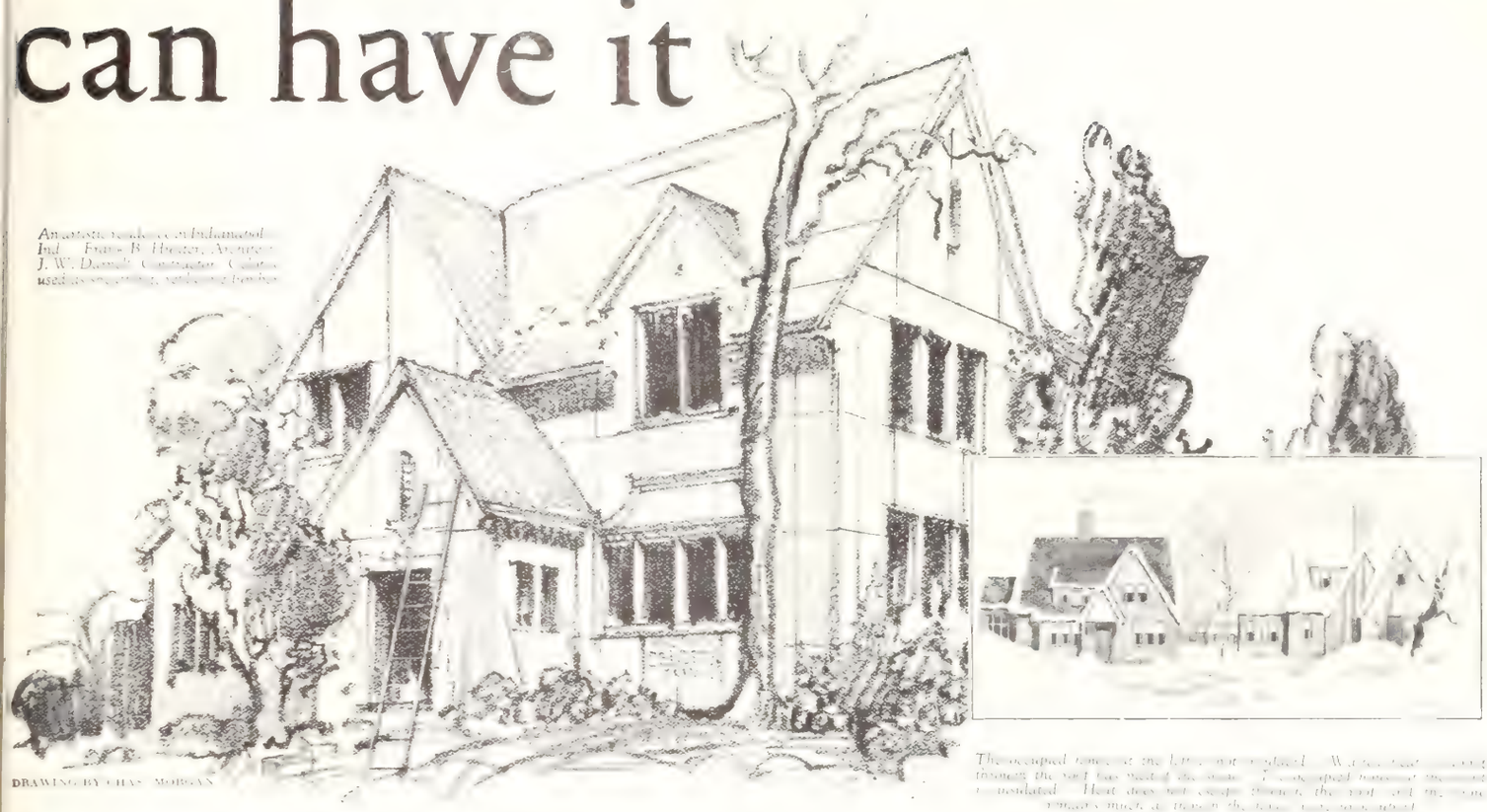
Celotex enables the user to reduce the size of his heating plant and the number of radiators. It reduces fuel bills approximately one-third.

In *any* climate Celotex will add to the comfort of your home. It retains the cool temperatures of night and keeps out the day's heat. On the hottest days your home will be cooler. There will be no stifling upstairs rooms where sleep is difficult.

If you are going to buy a completed home, make sure that it is built with Celotex. If you are having a home built for you, insist upon Celotex being used in construction. Celotex is everywhere available.

Consult your architect, contractor, or lumber dealer on this important matter. Write us for additional information on insulation, what it is, what it does, and how you can use Celotex to secure it. Fill out and mail the coupon—now.

can have it



DRAWING BY CHAS. MORGAN

FACTS *about* CELOTEX

Celotex comes in stock sizes: Thickness, approximately 7-16 of an inch; width, 4 feet; lengths, 8 to 12 feet.

The weight of Celotex is about 60 pounds to the hundred square feet, making it easy to handle and economical to apply.

Celotex is sawed like ordinary lumber and is nailed directly to all framing.

The great durability of Celotex permits it to be piled outside and handled as wood lumber is handled.

Any type of exterior finish — siding, clapboards, stucco, brick veneer, etc.—is applied over Celotex in the same manner as over wood sheathing. Any kind of roofing can be laid over it. It is used in all types of roofs to stop the passage of heat at the roof line.

Standard prepared gypsum or wood fibre plaster is applied directly to the surface of Celotex.

Celotex is waterproofed. It can be painted and used as an exterior finish.

Other Celotex uses

Celotex has many uses other than in dwelling houses. Mail the coupon for full information on any of the following:

Interior wall finish — the interesting fabric surface texture of Celotex makes it admirably suitable for interior finish in many forms of beautiful wall treatment. It may be left in its pleasing natural finish, or painted, stained or stenciled.

Industrial and commercial buildings—especially for roof insulation and sound deadening and to eliminate condensation of moisture.

Acousti-Celotex—used in auditoriums, theatres, churches, schools, offices, broadcasting studios, banks, etc., for acoustical correction.

Small buildings—summer cottages, garages, mountain cabins, etc.

Special farm uses—stock barns milk houses, potato and perishable product warehouses, vegetable and fruit storage rooms, incubators, chicken houses, etc.

In homes already built—attic insulation, cool rooms, vegetable storage, interior wall treatment and all kinds of house alterations.

Refrigerator cars—Celotex is in use as insulation by leading railroads and car builders in more than 13,000 refrigerator cars.

Shipping boxes—specially manufactured Celotex, strong, light in weight, waterproofed, pilfer proof, thousands in use.

THE CELOTEX COMPANY, 645 N. MICHIGAN AVE., CHICAGO, ILL. MILLS: NEW ORLEANS, LA.

London, Eng. Seattle St. Louis



CELOTEX

INSULATING LUMBER



"THERE IS A USE FOR CELOTEX IN EVERY BUILDING"

A Plan Book of 25 Homes

... home ... perspectives, descriptions, landscape suggestions. Embodies the most advanced ideals in design, economy and convenience.

MAIL THIS FOR PLAN BOOK

... inquiries for which please send ...

MAIL THIS FOR FREE BOOK

... 645 N. Michigan Ave., Chicago, Ill.
Please send me without charge the free booklet, "The ...

FREE *Building Book*

... work, small buildings, etc. It describes the general and special uses of Celotex. Fully illustrated with photographs, drawings, diagrams. Send the coupon at the left for this interesting and instructive ...

It looks pure — is it?



To the naked eye this water looks clear and healthful. Note how the microscope picks out particles of rust and sediment in a drop of water delivered by rusting pipe. (Enlarged 100 times.)

Minute specks of iron rust signal trouble ahead—rust-clogged pipes, a diminishing flow, brown-stained water and leaks. The result will be annoyance, costly repairs and finally—a new water system.

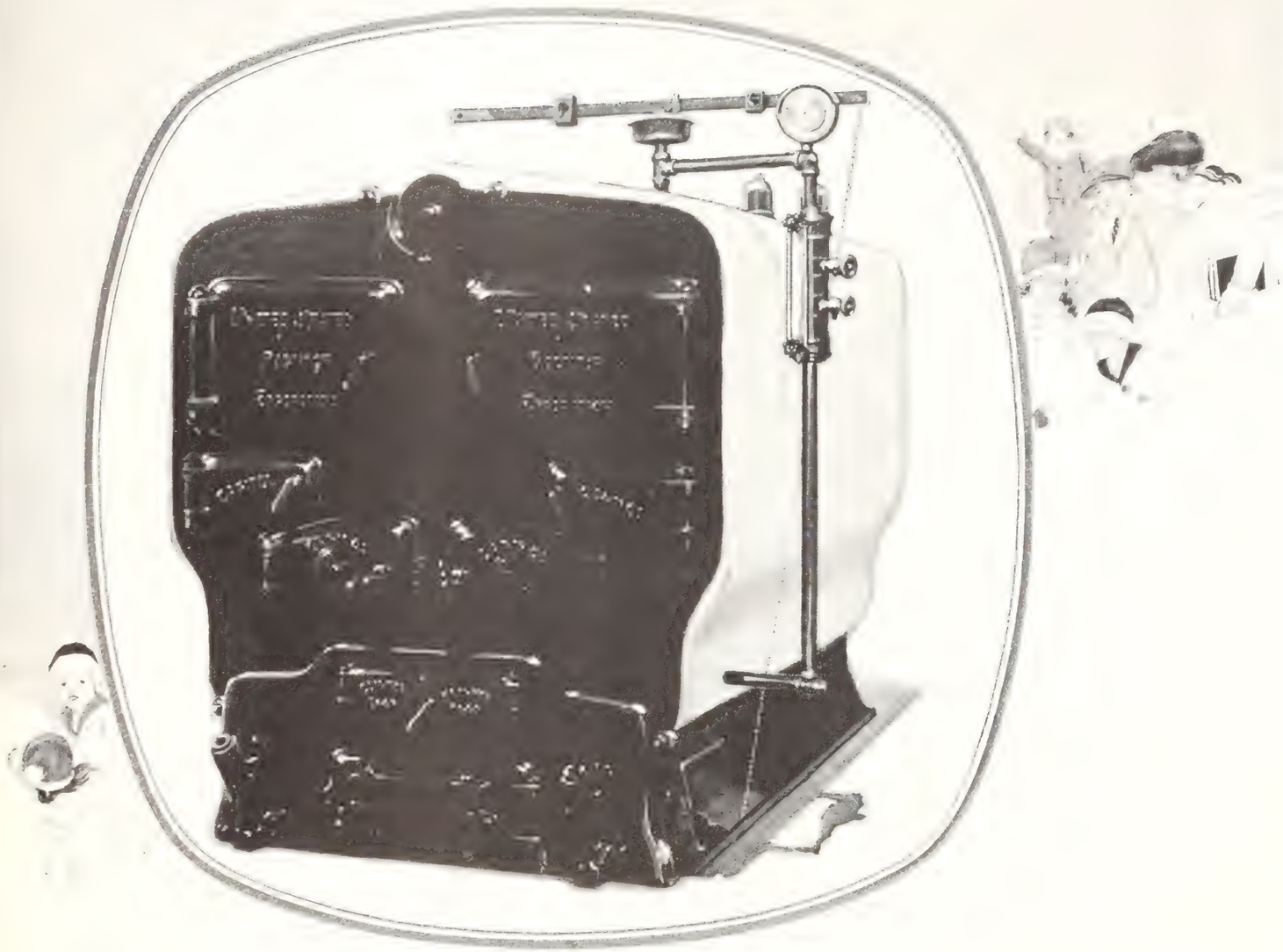
Anaconda Brass Pipe *cannot* rust. Install it in the first place and you will *always* be sure of a supply of clear, clean water at full service pressure from every faucet in the house. The added cost is only about $75 for the average $15,000 house. Let us send you our booklet—"Ten Years Hence" interesting and instructive.

THE AMERICAN BRASS COMPANY
GENERAL OFFICES: WATERBURY, CONNECTICUT
Offices and Agencies in Principal Cities
Canadian Mill:
ANACONDA AMERICAN BRASS LIMITED
New Toronto, Ont.

ANACONDA
from mine to consumer

ANACONDA BRASS PIPE

Installed by leading Plumbing Contractors everywhere



Efficient heating is a matter of first importance in School Houses and Churches. In these, and all semi-public buildings, the boiler controls health and comfort more than any other feature of equipment.

"Temperamental" boilers will not do. They must perform day in and day out with unfailing regularity. Wasteful boilers will not do. They must extract the last unit of heat energy from fuel.

Because of these rigid requirements, we are proud indeed of the long list of schools and churches which are being served by Capitol Boilers and United States Radiators. Each day the list grows longer—the indorsement more impressive.

When considering the heating requirements of your own home it will be quite worth while to remember that, in thirty-five years, no Capitol has ever failed an owner.

We shall be glad to send you an illustrated booklet which fully explains the modern idea in house heating.

Capitol Boilers

UNITED STATES RADIATOR CORPORATION

General Offices, Detroit, Michigan

BRANCH AND SALES OFFICES

Boston ~ Springfield, Mass. ~ Portland, Me. ~ Providence, R. I. ~ Troy, N. Y. ~ *New York ~ Brooklyn ~ Harrison, N. J. ~ Philadelphia ~ Baltimore ~ Buffalo *Pittsburgh ~ Cleveland ~ Columbus ~ Cincinnati ~ Detroit ~ North Chicago ~ South Chicago ~ Milwaukee ~ Indianapolis ~ Louisville ~ St. Paul ~ St. Louis Kansas City ~ Des Moines ~ Omaha ~ Denver ~ Seattle ~ Portland, Ore. *Warehouse stocks carried at all points except those indicated by star.

A Very Different Six  *for Those Who Want the Finest*



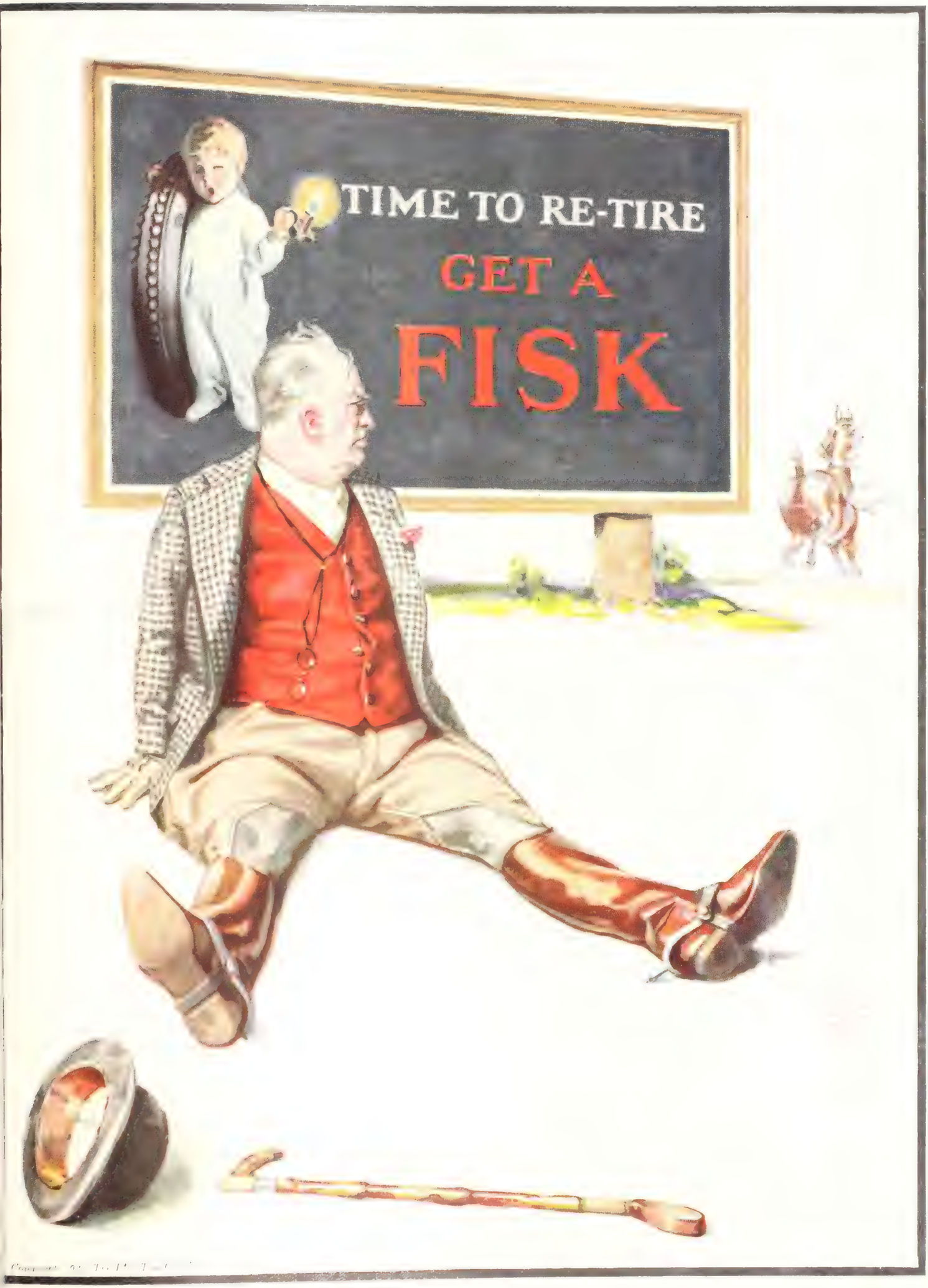
To discerning motorists, all that need be said of the luxurious new Willys-Knight Six is the fact that *it* has the only type of *six-cylinder* automobile engine ever invented that actually and literally grows *quieter, smoother and more powerful* with use . . . That said, *nothing need be added!* . . . . . .

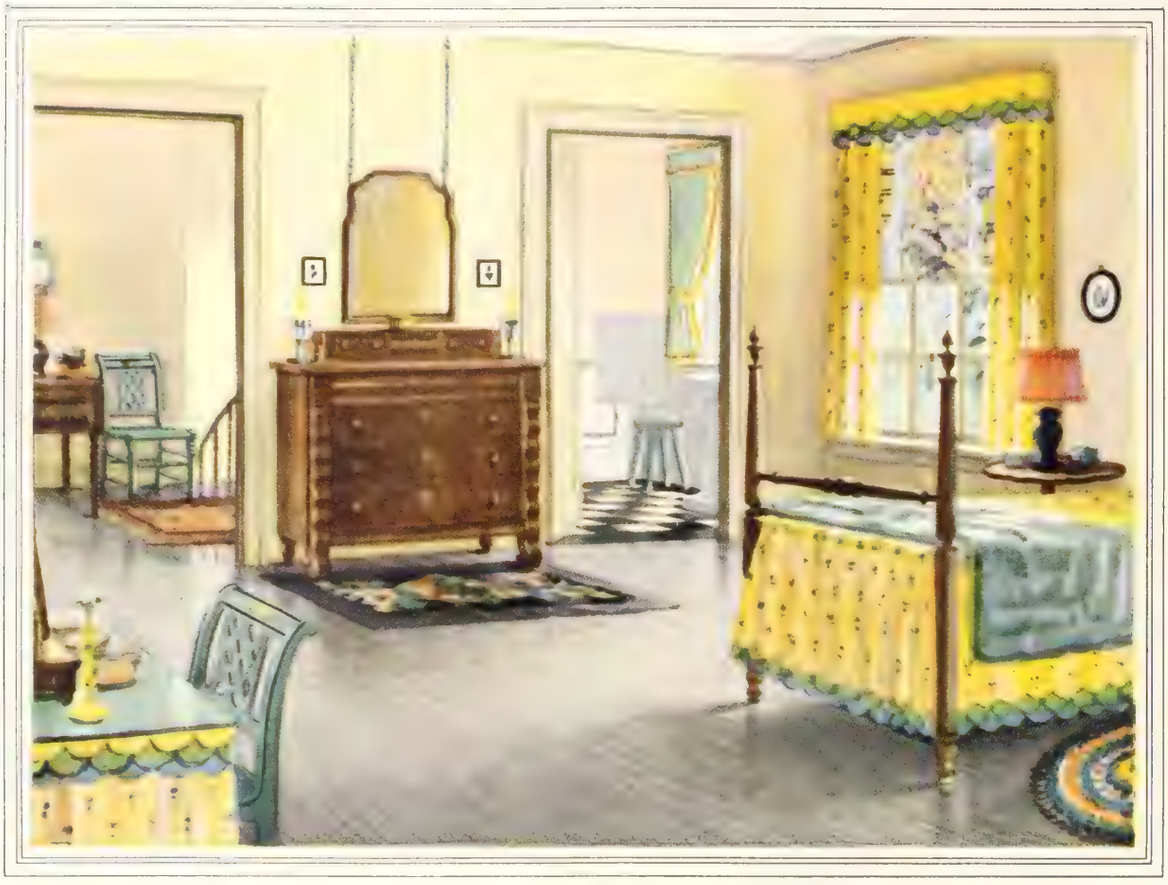
WILLYS-OVERLAND, *Inc., Toledo, Ohio* - - - WILLYS-OVERLAND *Sales Co. Ltd., Toronto, Canada*

The New

WILLYS-KNIGHT SIX

WILLYS - OVERLAND - FINE - MOTOR CARS


TIME TO RE-TIRE
GET A
FISK



Look for the CIRCLE A *trade-mark on the burlap back*

WHY A GRAY JASPÉ FLOOR WAS CHOSEN FOR THIS COZY UPSTAIRS SUITE

SOMETIMES decoration is puzzling when several rooms are arranged so that they appear almost as one. A skilful touch of color, however, will lift such a group of rooms to easily accomplished beauty, preserving the individuality of each room, yet blending all in pleasing harmony.

In planning the upstairs suite you see in this picture, the decorator has deftly employed this color touch of unity to the largest single area in these rooms—the floor. She knew that everything in each room would be seen in relation to the floor. So she happily selected an Armstrong's Jaspé Linoleum in warm yet neutral gray as the color foundation on which the entire decoration is built.

The soft, two-toned effect of this polished Jaspé floor serves to bind the rooms together in colorful harmony. But the decorative beauty of Jaspé linoleum does not end here. Such a floor emphasizes the quaint charm of the hooked and braided rugs. It makes the furniture look brighter, smarter, too. It brings a restful coziness to the whole tastefully planned suite.

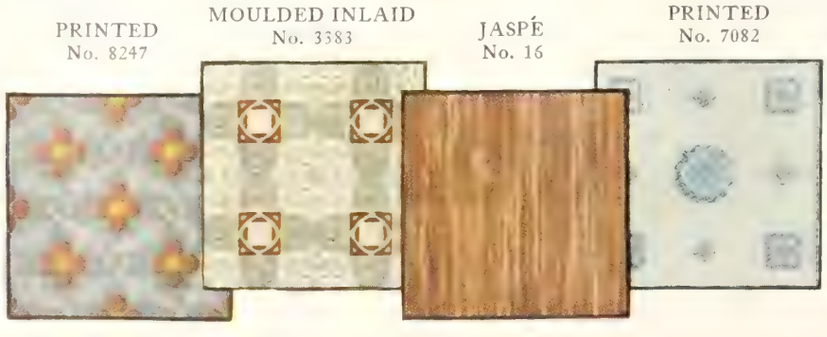
If you are planning to decorate a single room or a group of rooms such as this, start to build your color scheme upon a well-chosen, well-laid floor of modern linoleum. At once your most vexing problem, the color and condition of your floor, becomes a real help and a source of inspiration.

There are many correctly designed patterns of Armstrong's Linoleum to choose from—two-toned Jaspés, Handcraft tile designs, natural marble effects, Dutch tiles, and colorful all-over patterns. You can see them all at any good furniture or department store the next time you are shopping. Any floor you select should be permanently cemented in place (not tacked) over builders' heavy deadening felt. Laid this way, your linoleum floor presents a smooth, one-piece surface that never needs refinishing. An occasional waxing and a daily dusting keep it gleaming for a lifetime of service.

Mrs. Hazel Dell Brown, in charge of our Bureau of Interior Decoration, will gladly work with you in planning smartly correct color schemes for any interiors you may be redecorating. This service is free. We shall also be glad to send you

Agnes Foster Wright's new book,

"Floors, Furniture, and Color," filled with decorative ideas, based on Mrs. Wright's personal experience as a New York decorator and an authority on home decoration. This practical and inspirational book for home-planners will be sent to anyone in the United States for 25 cents. Armstrong Cork Company, *Linoleum Division*, 875 State Street, Lancaster, Pa.



Armstrong's Linoleum *for every floor in the house*



ARMCO

This is a full size reproduction of Herringbone Metal Lath. Made of Armco Ingot Iron. Armco Ingot Iron is manufactured exclusively by The General Fireproofing Company

Crack-Proof, Mar-Proof Walls When Plastered over Herringbone

HOW discouraging—to lavish care and thought on decorating the walls of your home—only to have them disfigured by ugly cracks, lath marks and checks!

Once it was the customary experience—quite the expected thing. But no longer! Any good architect or builder will tell you that Herringbone Metal Lath is a dependable safeguard against such unsightly mars and blemishes.

The fine cross web mesh of Herringbone Metal Lath gives each square inch of surface a rigid, unyielding reinforcement. It literally becomes embedded in the plaster and holds with a grip that can't be loosened.

It's not expensive either. Far from it. Although it costs slightly more than ordinary wood lath, it brings down labor costs. For, it comes in large, stiff sheets of steel or Armco Ingot Iron that are easily and quickly handled.

Sudden jars—or even settling—won't crack the plaster. And, it's a type of construction that's really fire-resisting.

If you intend to build, by all means insist on having walls and ceilings plastered over Herringbone Metal Lath. Write for our free booklet "Building for Permanence and Beauty." You will find it exceedingly interesting.

Member National Council for better Plastering

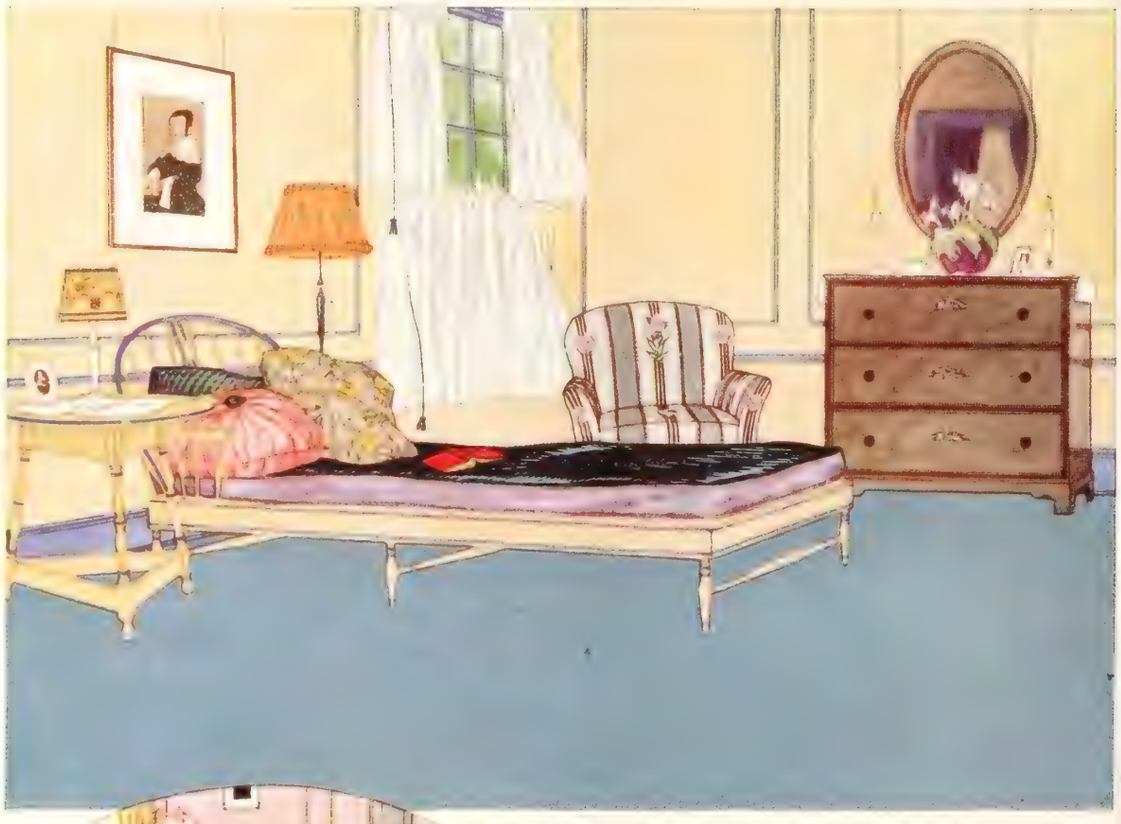


THE GENERAL FIREPROOFING COMPANY, YOUNGSTOWN, OHIO

Branches and Sales Agencies in Principal Cities

GF Herringbone Rigid Metal Lath

Bedrooms so colorful and lovely with rugs of linen — *you can have them at so little cost with Klearflax*



Great charm of color may be attained in bedrooms with Klearflax linen rugs and carpeting —inexpensively, too



A charming guest room in which the furniture of pastel green is exquisitely set off against a background of Klearflax in mulberry tones. Window and bed draperies are of old gold

BRIGHT WITH cheerful colors, yet soft and restful in effect—these are the notes you want to dominate your bedroom decorations.

And now Klearflax linen rugs make possible just such lovely color effects, without extravagant cost. In fact, Klearflax offers artistic possibilities never before attainable at so little cost.

Woven entirely of linen!—To this fact is due the color beauty of Klearflax. It is particularly lovely in the always popular solid tones, in grey, taupe, chestnut, blue, green, mulberry, goldenrod, rose, mole, Blue Mist. For gayer effects there are handsome heathers and Pickwicks—Greylock, Forest, Gopher, Bluejay. You will be delighted, too, with the selection of designs in smart, small all-overs and rich bordered effects.

The texture of Klearflax harmonizes with the coarser weaves now so favored by decorators in hangings and all interior textiles. It has all of linen's characteristic sturdy feel and finish—due to the pure virgin flax of which it is woven.

And wear? Klearflax, woven thick and heavy, has all of linen's well known durability and because it is reversible, its wearing life is prolonged almost double. It is moth-proof and practically burn-proof, too.

Another thing you will appreciate—you can have a cleaner floor covering with Klearflax. For it is woven in such a thick compact body that dirt does not become embedded, but stays on the surface. With suction sweeping and occasional brushing to keep it free of this surface dirt, you have a rug always fresh and clean all through!

Perhaps it is a bedroom rug you need; a hall runner; or you want to carpet your living room in the new all-over vogue. Be sure to see Klearflax; you will find it will bring greater beauty and wear for less cost than any other floor covering.

An interesting new booklet FREE *to you*

We have published a new booklet of information about Klearflax, showing all the different colors and designs. From these color pages you can get an accurate idea of how Klearflax will blend in your interior scheme. We will gladly send the booklet to you and tell you the name of a store near you where you may see Klearflax.

Note these very moderate prices

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Klearflax

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THE SCRANTON LACE CO., Dept. 8-FA, Scranton, Pa.

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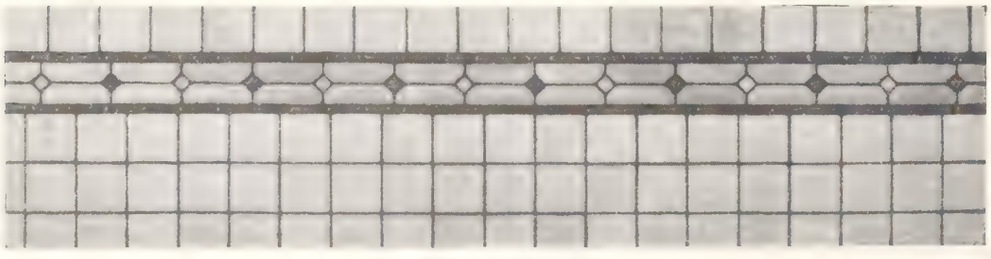
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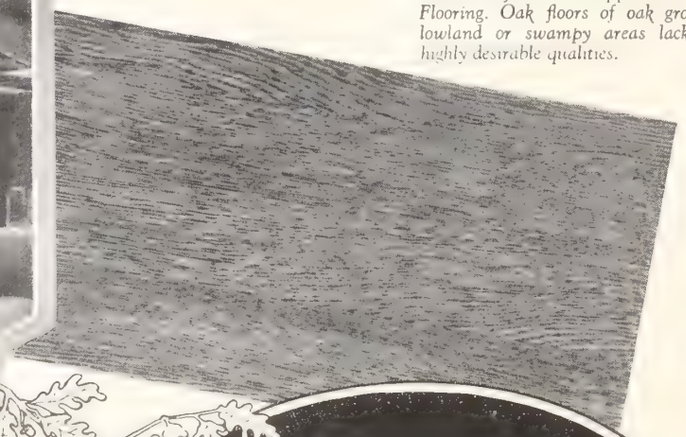
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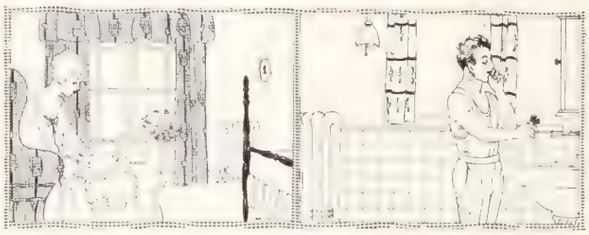
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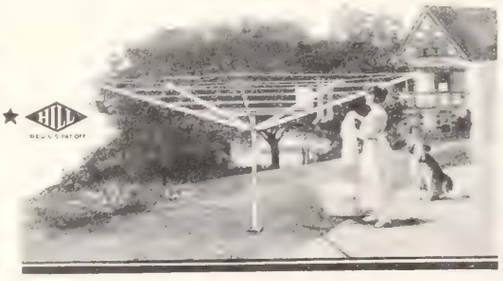
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What Price Carelessness?

WHAT price will corrosion cost those property-own who are indifferent to the menace of rust hidden av in their expensive walls? How much will they pay for an apath attitude toward the kind of pipe that goes into their buildin Millions annually! And every careless householder pays his sh

A leak may seem too small an affair to worry our bank accounts, but rui ceilings, damaged furnishings, and the host of bills that inevitably attend s accidents will prove penalty enough for our negligence of that important i —*pipe.*

There is but one safeguard against the "cancer of metal" and that is pipe wh resists corrosion to the limit. Reading Pipe, being made of Genuine Wrou Iron, has rust-resisting properties which do not exist in common, or steel p and because of those qualities "Reading" lasts two to three times longer.

Its price is slightly higher. But what does that amount to when comp with the cost of a corroded pipe?

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World's Largest Makers of Genuine Wrought Iron Pipe

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Reading Genuine Wrought Iron Pipe co a natural slag element which retards cor to a degree that renders the metal pract rust-proof. "Reading" combines this lo feature with a *practical price.* Look f name "Reading."



Sherburne Beach Apartments, 6259 Sheridan Road, Chicago. Thos. E. Bishop & Co., architects. Monarch Strips installed by the W. L. Van Dame Company, Monarch licensees at Chicago.

'A saving of 125 tons of coal per season"

Writes C. A. Dahlmann, Manager of Sherburne Beach Apartments, Chicago

Here is Mr. Dahlmann's letter:

"Following your suggestion to check our fuel consumption before and after you equipped our building with your Monarch Metal Weather Strips, we were surprised to find that, previous to this installation, our engineer's records show we used on an average of 500 tons of coal per season, and after your work we have used on an average of 375 tons per season—a saving of 125 tons of coal per season.

Our object in putting in the Monarch equipment was the added comfort and convenience for our tenants, but from our engineer's report we now realize Monarch Metal Weather Strips are one of our best tenants."

The average 3 x 6-foot double-hung window—without weather strips but calked in accordance with general building practice—permits the leakage of 29,250 cubic feet of air every 24 hours (with the wind velocity at 15 miles an hour). With Monarch Interlocking Metal Weather Strips on the same window, this inleakage is reduced to 12,864 cubic feet of air every 24 hours.

To maintain an inside temperature of 70° with the outside temperature at zero, you must burn 6¼ pounds of coal every 24 hours to heat the 29,250 cubic feet of cold air that filters in thru each unstripped window. To heat the same room with windows equipped with Monarch Strips, you need burn only 2¾ pounds of coal per window every 24 hours—a daily saving of 3½ pounds of coal per window.

Monarch Interlocking Metal Weather Strips are built upon an entirely different (patented) principle. Because of their "tubular, interlocking, floating seam" construction, Monarch Strips are the only strips which give and take with the swelling and shrinking of the sash and frame. They are the only strips which hold the sash and frame in the same relative position at all times. The sash cannot rattle—dirt, dust and soot cannot get through—and the saving effected is *permanent*—not just for a year or two. For Monarch Strips last as long as the house or building in which they are installed and always work as well as when new.

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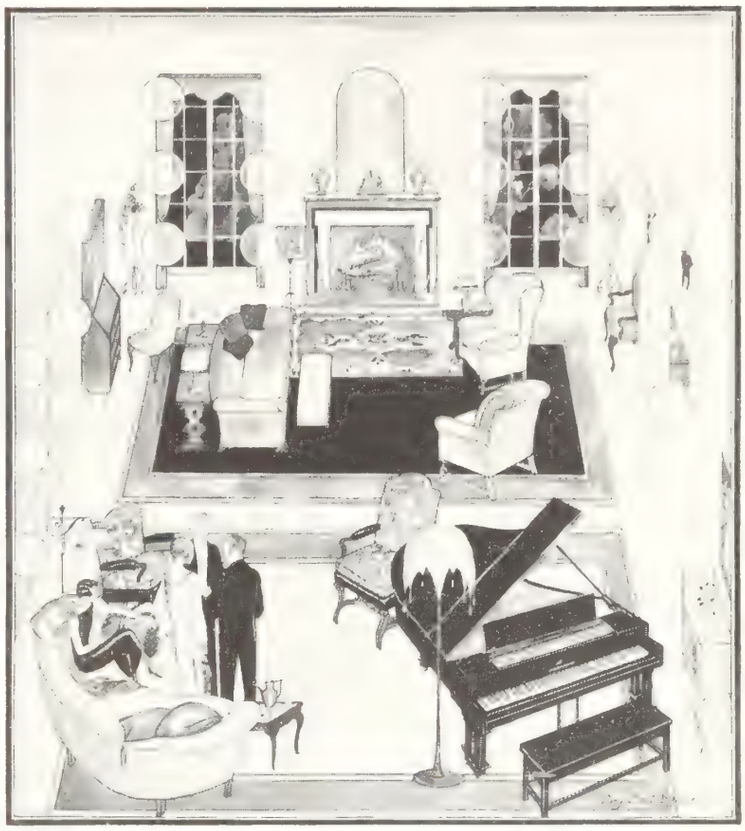
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Beauty spots or blemishes — which shall it be?

It often happens in a well-planned room.

The proportions are ideal. The woodwork carefully selected. The finish exquisite. The walls decorated artistically. And the furnishings of the best. *The room is ready to be admired.*

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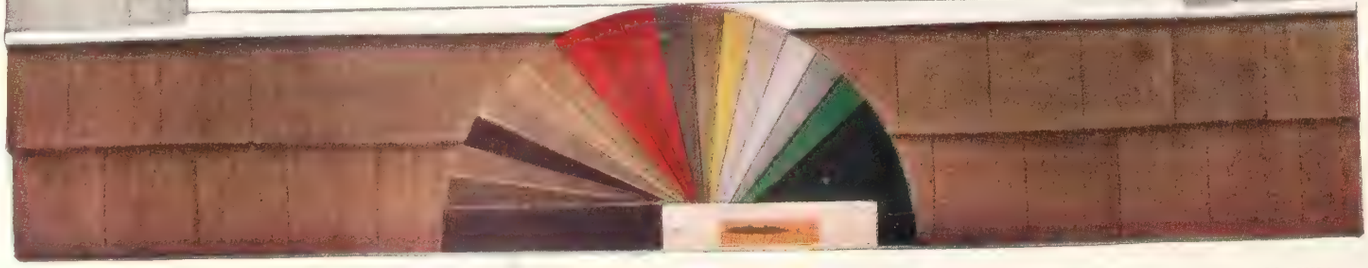
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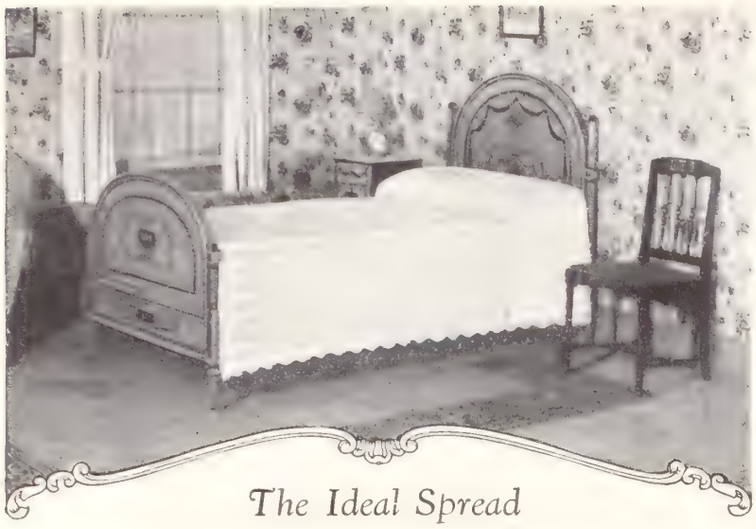


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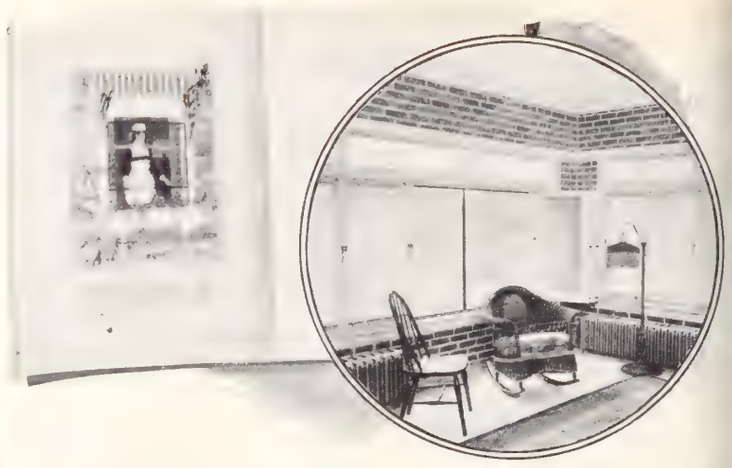
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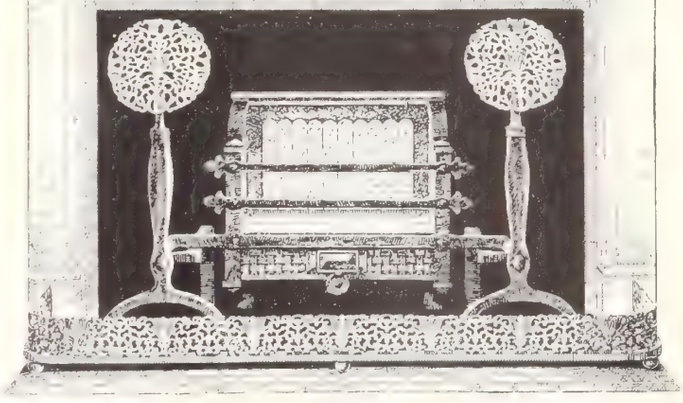
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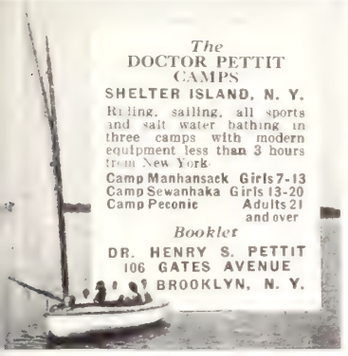
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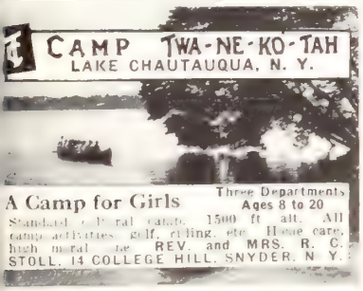
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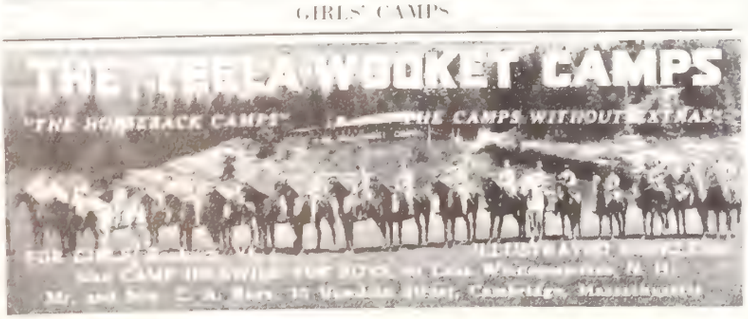
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The Ideal Companion and Protector



PALISADE KENNELS

PRINCIPLES OF TRAINING

ROBERT S. LEMMON

Short articles on dog subjects will gladly be considered by The Dog Mart of House & Garden. Brevity is the soul of dog wit, so we prefer it, but are always ready to consider good articles however they be made.

ADEQUATE training for the place he is to fill in the household is something which every dog should receive, in justice to himself no less than to his owner. If he is well mannered, cheerfully obedient and fairly well educated in general he will be a much happier fellow, and a far greater satisfaction to his owner, than if he is allowed, like Topsy of traditional fame, to "just grow."

Now, such training is by no means a difficult result to attain, nor is it one which requires any great experience on the part of the person who has the dog in charge. Its success hinges merely on the application of a few sane, easily grasped principles which anyone with a normal amount of intelligence and self-control can master without trouble. It is in the failure to understand these principles, or to apply them consistently and at the right time, that perhaps the majority of those who undertake to train their own dogs meets with such mediocre success.

IF A slight modification of the ancient Greek adage may be permitted, first "know thy dog." Understand his individual whims, temperament, liabilities and assets. If he is nervous, excitable or timid, recognize the fact and modify your methods accordingly; if he has a tendency to be stubborn, moody or unruly, prepare to govern yourself (and him) accordingly. Important points, these, because upon your full understanding of them depends in large measure your results in developing his desirable traits and suppressing those which are less praiseworthy.

And give the dog a chance to know you. Don't set yourself up on a pedestal of infinite superiority. He will do that for you himself, if you are worthy of it and give him a chance,





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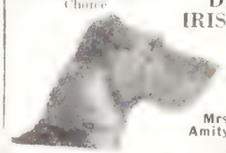


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and in doing it he will make himself your willing worshiper. You want him to be a pal; very well, be a pal to him. There is a lot of give and take in a successful dog-and-human relationship, maudlin heart-throb stories to the contrary notwithstanding.

IN THE very beginning you must make up your mind to be just, be patient, be firm, be honest—in the order of their mentioning. This sounds like a Sunday school preachment, but it is merely applied common-sense. The man, woman or child who seeks to govern a dog well must first learn self-government—*and apply it.* Otherwise, the outcome will be of that half-baked variety which one too frequently sees.

Never ask a dog to do something which is beyond his mental or physical limitations, or which is in any sense unreasonable. Never punish him severely for doing what he does not know to be wrong. Never order him to do something, then change your mind and scold him for not being a clairvoyant.

That's justice.

Never lose your temper, however great the provocation. Never give up in discouragement simply because you see no symptoms of the dog's comprehending what you are trying to teach him.

That's patience.

Never fail to enforce a comprehended order, once you have given it. Insist upon implicit and prompt obedience, even though you may have regretted the order the moment it was out of your mouth.

That's firmness.

Never try to flim-flam a dog, unless you are doing it as a joke and he knows it. His confidence is the greatest asset you can have.

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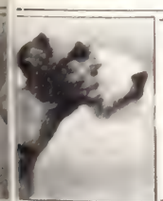
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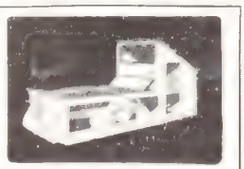


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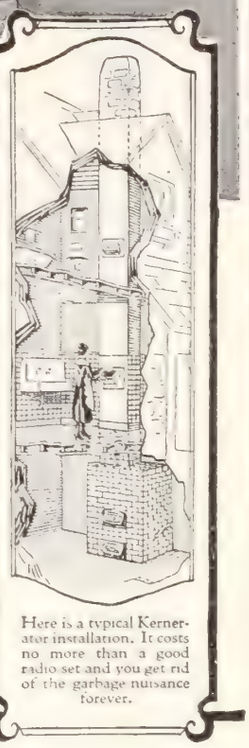
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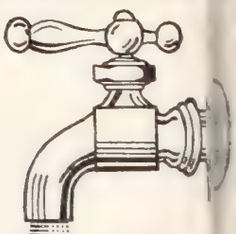
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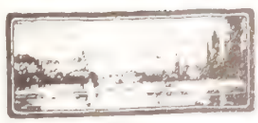
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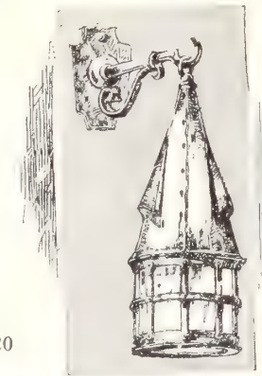


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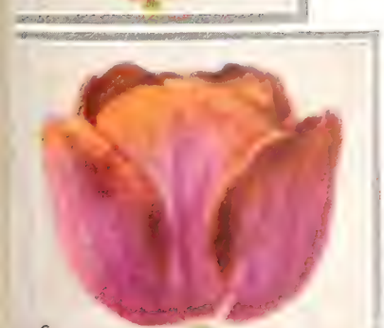

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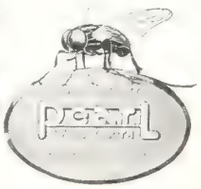
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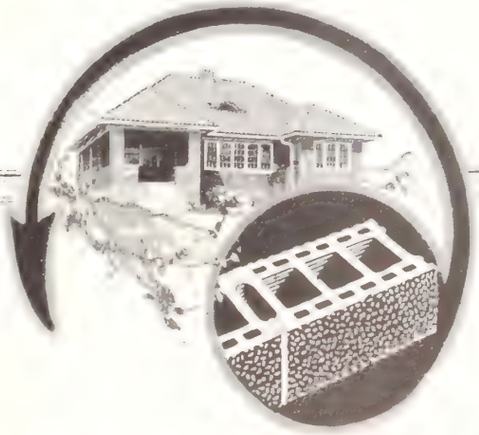
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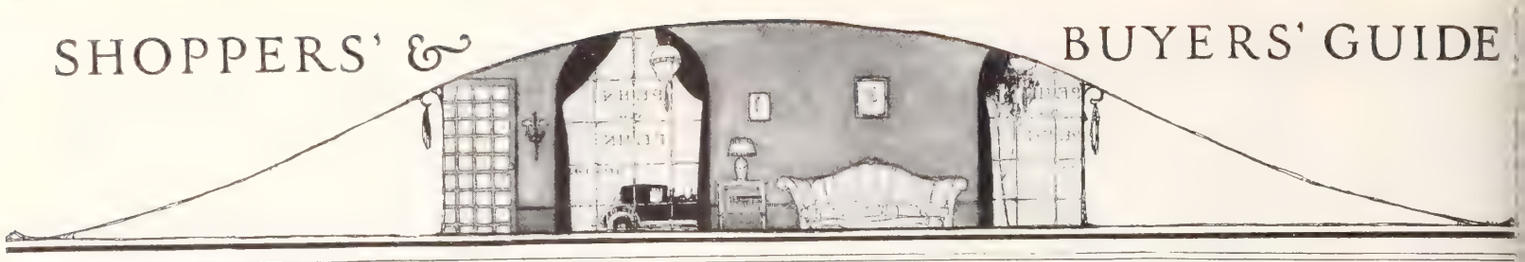


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You know how hard it is to have decorators all over the house when you're living in it! Hard on the decorators—hard on you!

Why not arrange, this season, to have it all done while you're away? Make your plans now—decide which rooms must be done over—interview one of the decorators listed on this page—pass on the preliminary estimates and samples and shades—and go away to spend a pleasant holiday undisturbed while painters and paperers and plasterers and plumbers clean up the job under the supervision of an experienced and tasteful firm. But begin now—this very minute!—to arrange details. Many decorators are very busy in summertime, and you should reserve your time with them at once.

While you're away, remember that you can keep in touch with the smart shops through this same Shoppers' and Buyers' Guide. Most of them are equipped to handle business by mail, and you need never do without anything you want because local shops don't carry it.

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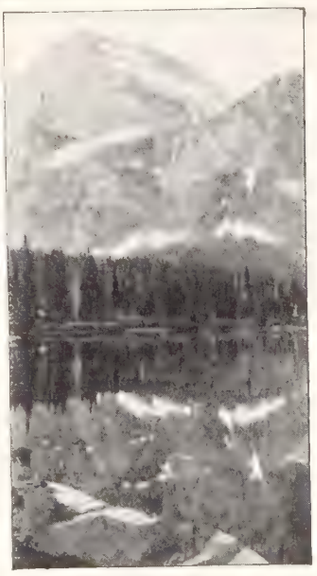
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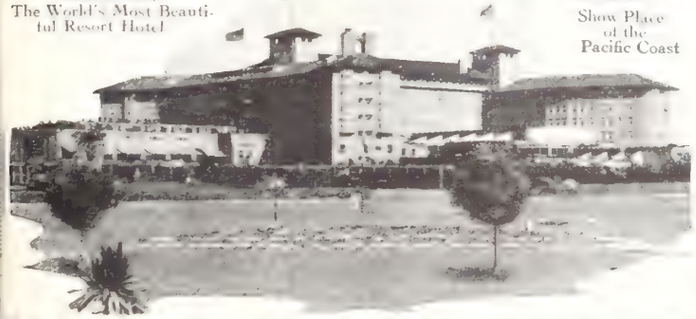


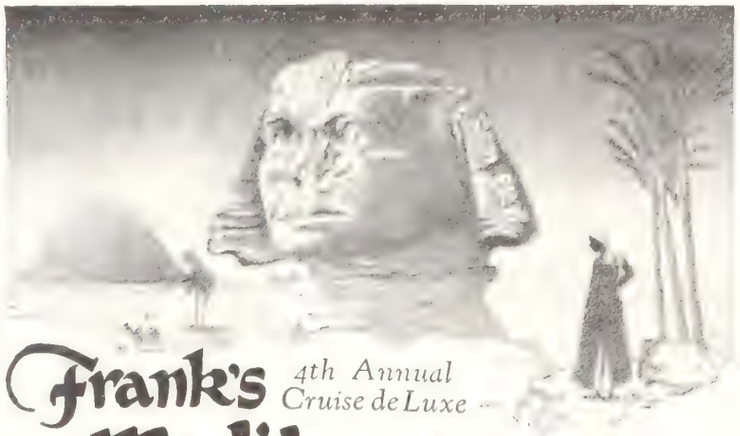
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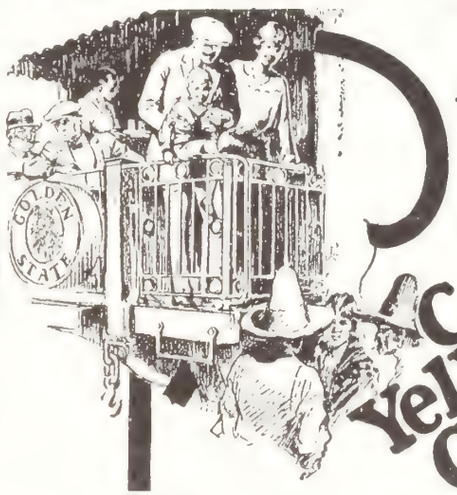
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CHRYSLER SIX

House & Garden



One especially interesting California house will be shown in the July issue

THE words which go into books and magazines devoted to the making of houses and gardens should flow gracefully, but more important than their manner must be the need that they rise from reliable springs. At their source should rest some authority to which the reader may turn with full assurance. Garden writers should know gardens by more than hearsay; writers on architecture and decoration, on all the affairs of building and furnishing, should have with their subject the familiarity of experts. Without this first-hand knowledge as a basis no writer can expect for long to hold the confidence of his readers. Readers may be led astray in almost any other topic. Elsewhere they will forgive endless inaccuracies, if only these be offered in an entertaining fashion. But let them be misinformed on matters which vitally affect their houses or their gardens and they will find little comfort in the fact that they have been drawn into mistakes by an article howsoever delightfully written.

That is why HOUSE & GARDEN goes to such a recognized authority on horticulture as "Chinese" Wilson for articles on plants, to such a seasoned expert in practical gardening as Mr. Rockwell for material on greenhouses and vegetable growing, and to practicing architects and landscape architects for essays on architecture, building and garden design. Where garden amateurs appear in the magazine they are amateurs like Mrs. Wilder and Mr. Durant, who have devoted their lives to certain garden hobbies and have gained thereby almost unequalled excellence in their particular subjects.

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It is one thing to be sufficiently interested in the subject of interior decoration, say, in order to write about it from the standpoint of an observer, but it is something else again (and to us an infinitely more valuable something) to write about it from the inside out—as one fully experienced in designing and carrying out interior treatments. Such articles not only carry a fine flavor of competence but must certainly contain information obtainable in no other way than through close contact with the actual conditions of the profession.

By keeping this fact continually in mind we collect for HOUSE & GARDEN just the sort of material in which the readers may place their confidence. We are aware of the fact that there may be a difference of opinion in matters of taste, but on these points the individual must be his own judge. Of what he reads in the magazine he may be sure has been done, or can be done, successfully.

The same method of editorial selection applies to photographs of completed houses, gardens and interiors, as well as to drawings of proposed designs. With these the authorship is given careful consideration. We know (because we know the creator in each case) that these things have been competently and artistically made, and that therefore we can offer them as examples for guidance and inspiration. In this way a certain authority must inevitably pervade the magazine as a whole; and that is our aim—to let the reader feel that everything in our pages has been submitted to such high standards of excellence and authority that in them he may place complete reliance.

VOLUME SEVEN NUMBER SIX

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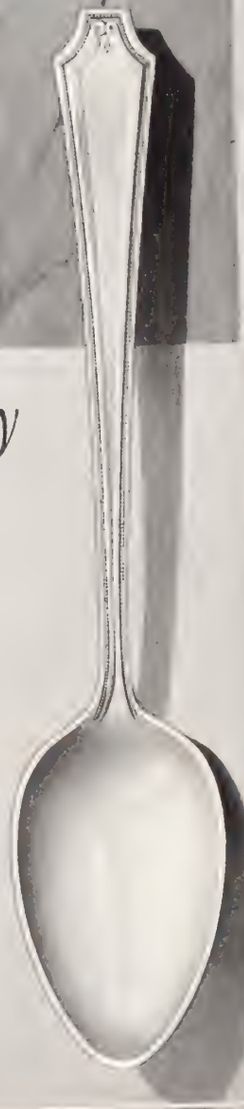
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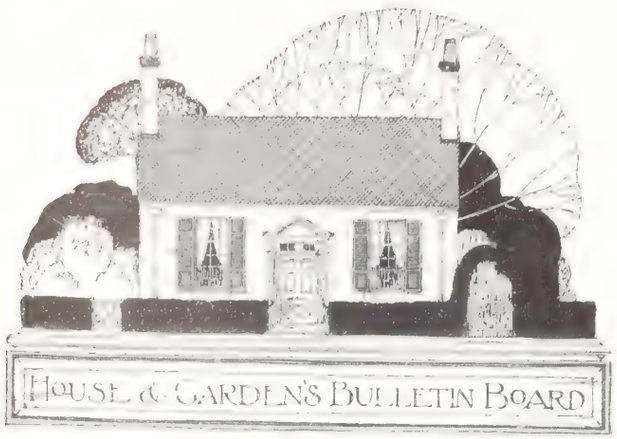
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GORHAM

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WE CONFESS to a rather affectionate regard for the principal theme of the July issue. It is the Small House Number, and the small homes idea runs through its pages from *Contents* to *Gardener's Calender*. That means not only that small homes are stressed but small gardens as well. Most important of all will be the showing of the first of a series of very small homes designed especially for House & Garden by a group of unusually gifted young architects. Eight pages will be devoted to this—a spirited little building done in the manner of a Normandy *manoir;* to its exterior architecture, its interior decoration, furnishing and equipment, and to its garden. Its architect is Daniel Neilinger, head designer in the office of Harrie T. Lindeberg. The extraordinary popularity of the four Ideal Smaller Homes which made their first appearance *last* July leads us to believe that this new series devoted to the Very Small House will be even more successful, for its appeal must be greater.

The Little Portfolio of Interiors will contain the living room of a Cape Cod cottage and four rooms of an apartment in Atlanta. There will be a page of lights for the dining room and an article on *petit point*.

For the gardener, Mr. Wilson writes on the Viburnums, Mrs. Wilder on the rock garden bulb order, Mr. Rockwell begins a series of articles on the small greenhouse, and there will be a practical and illuminating essay on the Dahlia.

Other important matters on the list are the Town Betterment Plans for Roadside Signs, a page of Stone Walls, and an article on the very special pot for the kitchen. It is the sort of collection, on the whole, whose appearance we eagerly await, for it is full of interesting contrasts: of contrasts with one common interest—the small house.



IN THE light of the not distant approach of January 1, 1926, that gloomy date beyond which Narcissus bulbs may no longer be imported to the United States, it is encouraging to note that the true gardening interests of the country are waging a determined fight against the drastic embargo provisions. The Garden Club of America, various horticultural societies and flower trade organizations are leading the attack, and thousands of individuals are following eagerly.

House & Garden Contributors in This Issue

ELSA REHMANN is a landscape architect, practising in New Jersey, the author of "The Small Place" and of many magazine articles on various phases of her profession.

E. H. Wilson is Assistant Director of the Arnold Arboretum, a plant explorer of note and one of the greatest living horticultural authorities. Among his many important introductions is the Regal Lily of which he writes in this issue, though he fails to mention herein the fact that the finding of this remarkable flower in the back blocks of China was accomplished only after he had been caught in a landslide from which he will carry a limp the rest of his life.

F. F. Rockwell is one of our leading specialists in bulb growing and the author of many books on gardening.

Louise Beebe Wilder grows in her Bronxville garden one of the finest collection of rock plants in the country, which fact gives her books and articles on rock gardening their delightful touch of close acquaintance.

Elizabeth Leonard Strang is a landscape architect, practising in Massachusetts, who contributes occasional articles to House & Garden on the problems encountered in planning the small place.

Harold H. Scudder is a gifted amateur in pigeons and gardens at Durham, N. H.

Frederick Houston is an architect, practising in New York City, who is contributing regularly to House & Garden on the various practical elements of architecture.

Ethel R. Peyser is an expert on household equipment and management and a writer of articles and books on the many phases of her much needed vocation.

Gardner Teall has contributed to House & Garden for many years articles on collecting, decoration, furniture and gardening. He is the author of several books on these subjects.

Mrs. Somerset Maugham, the wife of the playwright and novelist, is a well known English decorator.

Mrs. Harland H. Allen is a writer on economic problems as they effect the woman who manages the affairs of the household. Though she has contributed articles of her syndicated newspaper articles, this is her first appearance in House & Garden.

WHILE this issue is being prepared for the printer there is being held in New York one of the largest exhibitions ever devoted to architecture and the allied arts. The Grand Central Palace is filled with recent examples of the work of architects, sculptors, mural painters, landscape architects, decorators, town planners, and craftsmen. As a complement to these are being shown by manufacturers practically all the products and equipment which enter into the construction and operation of buildings. It is a comprehensive—an immensely educational, affair. It is something which might do well to run on for a month or more, instead of a scant two weeks; for it takes time, and many visits, to assimilate such a vast array. And it is satisfying to note that the best of the houses and gardens there, have been, or will be, shown in these pages.



OLD DOC LEMMON SAYS—"Wal, sir, another landmark's changed hands: thet rich doctor from New York's bought the Zeb Hoskins farm at last an' old Zeb he's shoved the twenty-five thousand dollars in his pants pocket, got him a shiny black bag an' a new suit with red galluses, an' gone on a trip 'round the world with one o' them towerist cruises they're allus advertisin' down to the railroad station. Zeb 'lows he ain't never comin' back, but I dunno—when a man's family roots hev been growin' in one place fer two hunderd year, 'tain't easy to grub 'em out.

"Ye see, Zeb's great-granddad he got them hunderd acres from the Injuns fer two bar'ls o' rum, an' him an' his sons cleared the land an' built the old house with their own hands. Built her honest, too, plumbin' her by eye—chestnut sill a foot thick, white oak rafters with the bark still onto 'em, oak floor boards a good twenty inches wide. Since 1756 she's been standin' thar, sun an' storm, solid as a church, an' I don't see no reason why she won't keep right on a-standin' fer 'nother couple o' centuries.

"Two bar'ls o' rum in the beginnin', twenty-five thousand dollars at the end. In between, the pleasures an' pains o' four gen'rations o' good old American stock. Yep, I cal'late Zeb'll come back ag'in, all right!"





WHERE THREE ARTS MEET

There should be a spot in every garden where the architect, garden designer and sculptor join hands. Here it has been done, and this fountain basin in the garden of Herbert N. Strauss, at Red Bank, N. J., shows with what great success. The heavier goose and frog, to balance the composition, are repeated on the opposite side of the pool where the balustrade begins again. F. Burrall Hoffman was the architect, C. C. Rumsey, the sculptor, and Martha B. Hepburn, the landscape architect.

SCULPTURE IN THE GARDEN

Flowers and Foliage are a Perfect Foil for Figures and Ornament in Stone, Lead and Bronze

ELSA REHMANN

THE very thought of sculpture in the garden evokes pictures of Italian villas for they are hardly imaginable without their marble ornament. Most of their statues belong to a time imbued with Roman antiquity, when myth and legend were woven into art. Hercules exhibits his prowess; Venus stands enthroned in a niche; Florence is caught in the act of wringing with her hands the luxuriant tresses of her hair whence water flows on every side to typify the streams that flow to the city from the mountains all around. Neptune stands poised upon the surface of the fountain; tritons gallop their sea-horses through the water; nymphs rise from the pool, dolphins gambol about in the water; and children play and hide themselves under the shelving shells of the fountains as if seeking dry shelter. Fawns and dryads, satyrs and winged dragons abound on pedestal and wall; Floras and philosophers vie with one another for places along the hedges and Termes play at marking garden boundaries for with human head but without arm or foot they never moved from their appointed places. All these statues belong to gardens of gushing fountains and playing waters, to gardens where marble finds a foil in Cypress and in Ilex, to formal gardens where they embellish balustrade and boundary wall or mark the importance of a pool or a niche in the general design.

It is the mission of sculpture in the garden at all times to put the culminating touch to the design. Little change has been made in its decorative usefulness. We have originated no new place for the statue. The intersection of paths is marked by accenting figure, raised high upon a pedestal; the hedge-lined *tapis-vert*, the pleached alley, the arbored way, is terminated by a statue. The pool is made a more emphatic feature in the design if a statue rises from its center; the wall fountain is a more interesting ornament in the garden if it is adorned by a figure; the path becomes a more important element in the design if it is terminated



In an English garden this lead urn has sat for a century or more on its limestone pedestal until both, mellow with age, seem as much a part of the scene as the ancient yew



Ewing

The bronze fawn is extremely effective against the white-washed stone wall of this English gate lodge. Basil Ionides, architect



Perrett

This child with its struggling goose is a piece exquisitely done in bronze to set among the Pansies. Frances Grimes, sculptor

by a statue. The statue can stand out in silhouette against the sky but it likes better the friendly background of trees. The statue can stand out in bold relief in the grass center of the garden but it likes better a place in the recess of a hedge or in the niche of a vine-clad wall. The statue delights in a sheltered place, in a hidden nook, in an unfrequented corner. The statue chooses a friendly place close against a tall hedge or amid the tangled growth of Roses or where vines can trail about its pedestal and flowers encircle its feet. If, in its placing today, the statue seems to attain a mood different from that of older places, it may be due to the ever growing intimacy of gardens that puts the statue in close association with intermingled flowers and with a vegetation that knows no shears.

The material of which the statue is wrought is still the same, too. Marble will ever be for formal effects, the accompaniment of boxwood and bay-tree, of hemlock hedge and background of pine. Lead figures have adapted themselves graciously to formal and informal gardens in France and in England. But, bronze seems the material best fitted to gardens that we designate as informal or naturalistic. It is a material happy with rugged stone, with dry-laid wall, with flower draped rocks, with herbaceous borders and with deciduous vegetation. The varied tones of its finish, too, make it delightfully adaptable.

With every change, however, in the

(*Continued on page* 104)



In a recessed panel of a brick wall this Bacchic bas relief forms the background for a fountain. Mahonri Young, sculptor



This lovely figure of Philomela, goddess of poetry, was done for the garden of Mrs. Harry Payne Whitney at Manhasset, L. I., by John Gregory, sculptor



The considerable difference in scale between the figures here does not destroy their effectiveness against the solid white garden gateway with its exquisite wrought iron work



Here is the Classic tradition revived by the unusual skill and personality of the sculptor, Paul Manship. The figure terminates a path in the garden of Charles M. Schwab, at Loretto, Pa.



The farthest one is shown and is screened on one side by a trellis, overhung with wisteria, a combination of painted wood and stucco, is in the background. Mantelpiece from an old house in Connecticut. Louise Wood, architect



Above. The rough stone of the terrace and steps affords an interesting contrast in texture to the stucco of the house



Left. A formal feature of the terrace is the pool at the far end. It is in the home of Z. G. Simmons, at Greenwich, Conn.

A VARIETY OF TERRACES



M. E. Hewitt

An important adjunct to the house above, another view of which is shown on the opposite page, is the wide terrace faced with grass-grown flagstone and given color with a multitude of potted plants



The white portion of the house above was built in 1800 and is now occupied as a home of Z. G. Simmons, [illegible]



furnished with iron and wicker pieces has a colorful tiled floor and roof of

IN SUNLIGHT AND SHADE

MUSIC IN THE GARDEN

Wherein Are Touched Some of the Notes One Hears from the Instruments of the Birds, the Friendly Garden Insects, and the Forces of the Sky

TO the rather literally inclined the human senses to which a garden appeals may seem but two: sight and scent. The flame of Oriental Poppies blazing in the sun, the intoxication of the Honeysuckle's breath in the June twilight—these are real enough even to the least imaginative of souls. They and their like are unescapable, but is theirs the greatest value merely because it is obvious to all? Is there not quite as much to be said for the subtleties of music by which they are surrounded?

Of an August noonday the garden's music is drowsy, sun-steeped, perfect in its fitting of theme into theme. The crescendo rustle of a cicada's song lends its overtones to the orchestration of a thousand unseen, elfin players on grass blade, leaf and twig. It ceases, and in the hush another soloist takes the stage—a distant bell, swung dreamily in the lush meadow at the hill's foot. Now faint, now clear, it weaves its melody as the heat waves rise and shimmer. A symphony of contentment, of lazy, carefree rest on a score-sheet of warm light and luminous shadow.

How different is the allegro of a June morning when the birds give thanks for a night of cool fragrances and a new day wherein good cheer shall wait on appetite, and song on both! Did ever an orchestra leader inspire in his players such a zest, such a keen spontaneity, as those which stir the birds while the East pales and flushes into the full gold of a young summer morning?

At such a time one hears from the garden the most varied chorus of the whole year's program. Scarcely a string or reed known to the orchestra but finds its counterpart in the notes that swell in a maze of intricate variety. A thousand singers with a hundred songs are hard at it, and yet one catches no slightest discord or falseness. Nature's musical compositions are as perfect as her color schemes, and in both there is an absence of clashing which the greatest of masters may well have envied.

OF a quite separate character are the harmonies which drift across the lawn and come to rest among the flowers at the day's closing. There is about them an absence of urgency, a sense of golden, full-fed leisure which the music of earlier hours somehow misses. They are less varied, too, for scarcely more than three singers contribute to them—the woodthrush, the robin and the veery. But theirs is a satisfying, well rounded perfection which chimes with the place and hour. One thinks of sun bars slanting through high windows, of incense and the peace of altars, for the thrushes are the surpliced choristers of the garden, as the brown thrashers and chewinks are its minstrels.

Black night at the end of summer brings to the garden a witches' score to which the weirdest Faustian story or heathen folk-dance might well be set. In the incessant beat and throb and thrust of Nature's insect fiddlers pulses the soul of darkness, of mystery, of creeping, furtive figures.

At first, as one leaves the house and moves through the rose arch to the walks beyond, the ear is bewildered, even dulled, by the insistence of the sound volume. But presently that feeling passes, and one begins to sort out aurally the tiny players: two castanets, a dozen snare-drums, a hundred high pitched strings weaving and interweaving. Minute after minute, hour after hour, until the chill that precedes the dawn dampens drumhead and bow and sends the wee performers wearily to bed.

Such are some of the more outstanding themes one hears in a garden's music. Each is perfect in its way, each is played in a setting which puts the spirit of the listener in complete accord and assures the maximum effect. But before the mighty organ tones of a summer storm all shrink to insignificance, vanish utterly even from the memory.

WHAT a superb Wagnerian prelude is played as the thunderheads climb muttering up the western sky! Snow-white at first, bellying sails of a stupendous Flying Dutchman, they pile and spread and darken as the theme within their folds develops and shakes the world with its reverberations. Every force of heaven, the whole illimitable power of a whirling universe, seems in turmoil there. Before its overwhelming might the earth cowers breathless, helpless for defense, abject under the threat of the elements.

Then, with a sudden outburst of fury as though the tortured sky had at last been shattered by the struggle, comes the Valkyrian rush of the wind and rain. The tempo leaps forward, the pitch rises to a shrill, compelling medley that staggers the senses. With terrific gestures the invisible leader drives his players on to a frenzied climax of effort. Puffed cheeks, crashing drums, taut arms that all but tear the strings from cello, violin and harp. Under the clash and fierce majesty of it the earth can only bow stunned head and wait dumbly for the lash to cease and the darkness to be succeeded by light and the calm, peaceful colors of sunset.

The music of a garden may not be set down in score nor played on the most sensitive of instruments. It defies mere man-made rules of composition for, like the soul of the Little Wild Thing in Dunsany's fantasy, it is compounded of the essences of Nature and the universe. Its interpreters are the rain, the leaf in the wind, the throats of birds. Its moods are as varied as the day's cycle, the seasons' passage; its tempo, infinite as the heart of Beauty.

R. S. L.





THE ENTRANCE PORCH

[illegible] *ability for these ceremonies makes it as charm-* [illegible] *faced shingles, with gracefully wrought details in its woodwork, was designed for J. V. Turbell, at Greenwich, Conn., by Peabody & King*



Mr. Wilson has brought back from China the Regal Lily, Lilium regale, which is proving a great success for American gardens. It is easy to raise and bring to flower. Here a massed planting forms it a New England garden

THE GLORY OF THE LILIES

This Great Family Has Abundant Representatives Of Which Many Can Be Grown Here

E. H. WILSON, V. M. H.

LILIES produce the largest flowers of any bulbous plant that can be grown out of doors in the temperate regions of the world. They are very old inhabitants of gardens and have been favorites for centuries past. Quite a number are native of this country, others hail from Europe and Asia. Four *(Lilium longiflorum, L. speciosum, L. auratum* and *L. regale)* rank among the greatest gifts of the Orient to western gardens. The chaste and exquisite Madonna Lily *(L. candidum)* is of Eurasian origin.

Some Lilies are easy to grow and establish in our gardens, but many are difficult. The Tiger Lily *(L. tigrinum)*, a native of the Orient, is naturalized in many parts of New England where like the Lilac, it often marks the site of old homesteads. It owes this perpetuation to its strong constitution and to the bulbillae which, resembling beads of jet, nestle in the leaf-axils and later falling to the ground give rise to new plants. Yet favorites as Lilies down the centuries have been, it cannot be claimed that we have mastered their cultural needs. The requirements and idiosyncrasies of a few are understood, but in regard to the majority there is much to be learned. A great many are really best suited to grow in rockeries where they can enjoy good sharp drainage which is most essential to their well-being.



The Philippine Lily is hardy only in warm climates. It is one of those that we have to forego unless we can give it adequate protection

For planting in cool temperate regions Lilies may be divided into two groups: Hardy Lilies of which *L. tigrinum, L. regale* and *L. henryi* may serve as examples; not hardy, of which may be cited *L. longiflorum, L. neilgherrense* and *L. philippinese*. Or, they may be divided into Swamp Lilies, which would include nearly all the American species, and dry land species, which would include most of the species of China and Japan. With almost equal propriety these groups might be styled humus-loving and loam-loving respectively. Also we might divide Lilies into shade-loving kinds, as for example *L. giganteum*, and sun-loving such as *L. regale*. But not to waste time it may be laid down as a law that in the average garden situated in the temperate parts of North America, only such species as are perfectly hardy can withstand sun and call for moderately dry land. have any chance of becoming successful denizens. For such gardens swamp Lilies



(Left: Type of wild Rocky Mountain Lily at Lilac Acres, Lilac Acres, a Delaware garden. [illegible] an open forest, but [illegible]

(Center) Mrs. Bayard Thayer's Lily came from the Thibetan grasslands; may be relied on to thrive in American gardens

woodland Lilies and alpine Lilies, with a few exceptions, can be grown out-of-doors.

All Lilies demand good drainage. When one thinks of swamp Lilies this statement may sound unscientific. But dig up a few of these Lilies and note carefully the exact conditions under which they grow. It will be found that the bulb rests on a stone or a piece of rock or in a tuft of firm sod, or [illegible] sand. The roots are in wet mud or may even hang free in the water; but the bulb is so placed that water cannot stagnate immediately under and around it, and in winter it is fairly dry.

A few swamp Lilies like *L. superbum* of eastern North America and the Panther Lily *(L. pardalinum)* of California may be grown without difficulty among Rhododendrons; but for those requiring more moisture, if their culture be attempted, it is a good plan to invert a flower-pot at the

(*Continued on page* 116)



[illegible] in equatorial Africa. It is a safe [illegible]

Below is a clump of Regal Lilies growing in an American garden. It should be planted deep and well mulched in winter





[illegible] cultivated by Mrs. Caudle [illegible] Lilac Acres, Delaware. It looks [illegible] Lily



JUNE PLANTING FOR DECEMBER'S VEGETABLES

By Growing The Right Sorts And Planting At The Right Time A Remarkable Crop Can Be Harvested

FRED F. ROCKWELL

I HAD been gardening for years,—in fact I had written reams and given lectures, telling others of the joys and profits of "growing your own",—before I stumbled across one of the biggest of all garden secrets—how really to enjoy your vegetable garden through the winter.

In this winter garden I got the idea from someone who had fallen upon it by accident. I was giving a talk somewhere on "winter gardening"—flowers, not vegetables—and at the dinner table of the president of the local garden club, who entertained me, we had the most delicious fried Parsnips I had ever eaten. You know what the usual fried Parsnip is, a thick brown slab of a big-shouldered root, which tempts you by its appealing taste, but which you indulge yourself in with hesitancy, because you cannot but realize what the tough core and the fibrous texture of the delicacy will do to your digestive apparatus. But these Parsnips—they were slim, tapering little roots, split once, the largest not much over an inch at the shoulder, done to a rich Rembrandt brown. There was no fibre in them, and so little core that it just made a pleasant little resistance to snap your teeth through. Good? I'll whisper with a megaphone to the gastronomic world that they were!

"Madam," I said, "your house plants are dear; your dinner is delicious; but your Parsnips are divine. Where on earth did you ever discover that variety; and what is it?"

"It isn't the variety; its Horace," she answered proudly; and obviously joyous at the opportunity to display her husband's skill as a gardener. "He's

(*Continued on page* 124)



The orderly kitchen garden is in the autumn state, with rows of Celery, hilled up to blanch, and here celeriac across the path



Another view of the same garden in autumn. Grilley & Seil, Brick were the architects and James L. Greenleaf landscape architect



The site of this garden was a boulder barren when the owner, in spite of formidable odds, began the grading and planting which brought the entire area to a level state of fertility and moved back topography



Now it is practically level, surrounded by a stone wall made from the boulders, and a mass of blooming annuals. From the arbor may be had an amazing view of Hudson River valleys. Crosby Gaige, Peekskill, N. Y., owner

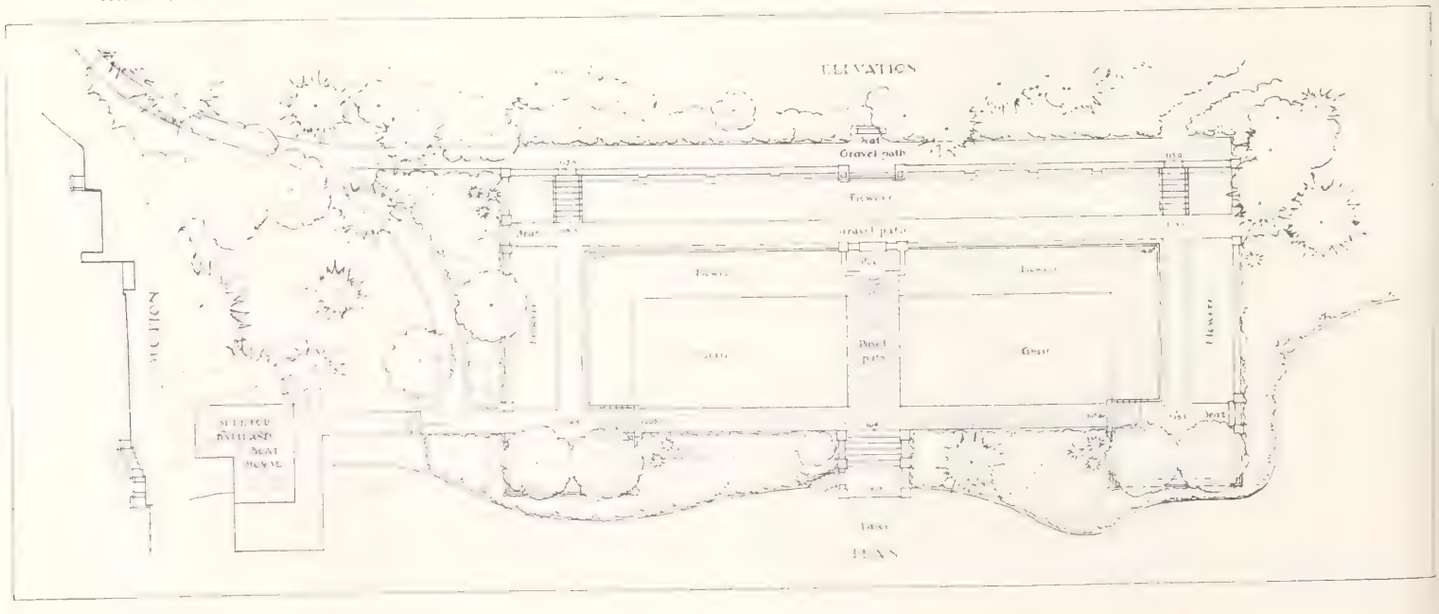
THREE PAGES *of* GARDENS *on* ROCKY PLACES



This garden separates the rocky hillside from the quiet sheet of water in the foreground. Retaining walls and steps carry the grades leisurely to the water level

A LAKE SIDE GARDEN IN CONNECTICUT

The Cos Cob, Connecticut, garden was designed by Charles Downing Lay and Robert Wheelwright, landscape architects, for Maurice Wertheim





A LARGE GARDEN ON A SMALL PLACE



This landscape was achieved by a real garden lover designed on a small area that it occupies. [illegible] 300 [illegible] recently [illegible] U. S. Office

The small [illegible] has been [illegible] with blue, chiefly [illegible] Water Lilies, Water Hyacinths and Yellow Water Poppies. [illegible]



In the centre is an example of Irish Belleek porcelain from the Pennsylvania Museum. To right and left marks of American Belleek

IRISH AND AMERICAN BELLEEK PORCELAIN

The Story of How an Old Tradition Is Being Carried On in This Country

GARDNER TEALL

CHINESE porcelains were long the envy and despair of European potters. Finally Johann Friedrich Böttger, experimenting for the Elector Augustus II of Saxony, succeeded in producing porcelain from materials similar to those used by the Chinese. This was between the years 1710 and 1712. Thenceforward porcelain manufacture in Europe made great strides, and although original work was the result of national temperament, European potters sought ever to surpass or at least to equal the distinctive wares of China.

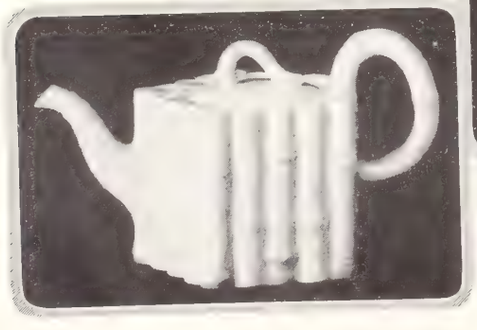
Thinness and translucency were greatly desired. The Chinese so-called eggshell porcelains inspired European ceramicists to efforts to imitate these wares, and no wonder. The products of the Chinese kilns of the reigns of Yung Chêng and of his son Ch'ien Lung (1723-1796) were eagerly sought by European collectors and commanded enormous prices. As time went on, the potters of the western world succeeded in making porcelain of extraordinary thinness. Glazes likewise had occupied these potters, although the problem of faience glazes had for some centuries before Böttger's experiments given concern to the potters of Europe from the time of the Italian majolica craftsmen, of Bernard Palissy and down.

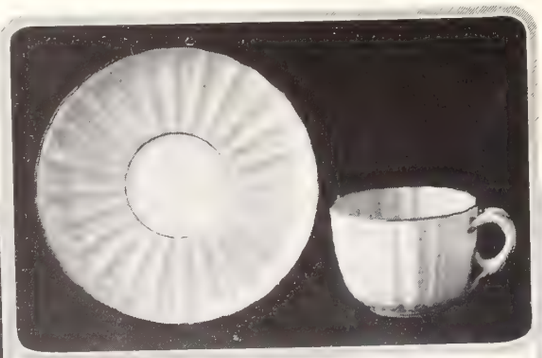


An American Belleek vase made in Trenton, N. J. in the early '90's

The *madreperla* lustres of the old majolica wares of Gubbio and of Deruta in Italy long puzzled potters of a later day. While these had entered the glazes of the old faience or earthenware, the early 19th Century porcelain makers hoped to discover a method for giving iridescent glazes to thin porcelains. Among these experimenters was a Frenchman, J. J. Brianchon, who perfected a glaze giving a mother-of-pearl effect to porcelain. He took out a patent for this process in Great Britain and, in consequence, British manufacturers using the glaze could only do so by arranging with him for his permission in each case.

An exquisitely modeled teapot of early Irish Belleek in the bamboo pattern. The tops and bases of the stems are slightly iridescent





An example of American Belleek cup and saucer, with shell surface and gold line decoration. Made by Ott & Brewer at Trenton, N. J. about 1890. From the Pennsylvania Museum

The characteristic mark of the wolf hound, castle, harp and shamrock is found on this Irish Belleek teapot. Collection of Mrs. J. E. Cass

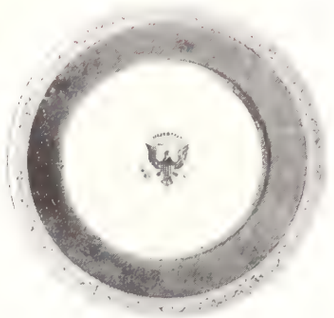




Place plate of modern Belleek, with Chinese motifs in rich color. Courtesy of the Lenox Co.



Large Irish Belleek plate. Collection of M. Holden, Port Chester, N.Y.



Soup plate of the first American china to grace the White House. Copyright by Underwood & Underwood



Irish wolf hound, castle, harp and shamrock by which collectors tell the Belleek of Irish make

Belleek tray modeled in relief, by Morris & Wellmore, at Trenton, about 1882

It has been said that until the expiration of Brianchon's British patent rights all iridescent glazed ware in England was brought from the Continent. With the expiration of the Brianchon patent, English potters appear to have turned attention to attempts to produce an iridescent porcelain glaze on their own account. Experiments were probably undertaken at the Royal Worcester Porcelain Works where experiments with clays from Cornwall had been made in the attempt to produce a paste suitable for the making of eggshell porcelain.

About this time William Armstrong was architect to the proprietor of the Royal Worcester works and greatly interested himself in these experiments. David McBirney of Dublin appears to have been a friend and correspondent of Armstrong's at this time and to have communicated to Armstrong the fact that requisite materials for porcelain manufacture were to be found in Fermanagh County, Ireland. At any rate, in 1857 a pottery was established in the County at the village of Belleek. Here kilns were set up on a little island in the River Erne. In 1863 Armstrong entered into partnership with McBirney under the firm name of McBirney & Co., a partnership which continued until the death of McBirney in 1882, then leaving Armstrong sole proprietor.



Belleek cream pitcher and vase



Belleek plate, made in America

The local clay of Belleek contained about seventy-five percent of feldspar in its natural state. After firing the body is akin to Parian. It is extraordinarily light in weight and adapted to making up into extremely thin pieces, quite as thin as the famous eggshell porcelains of the Chinese.

At Stoke-on-Trent, Staffordshire, England, William Henry Goss had also been experimenting with clays and glazes in his pottery. He had

(*Continued on page* 102)

BELLEEK
WILLETS



BELLEEK
TRENTON
N. J.

Belleek candlesticks and fruit bowl of modern Belleek, decorated in blue. From Lenox Co., Inc. The marks are from American Belleek pieces

GIVING THE HOUSE A LIFT

There Are Dumbwaiters and Elevators, Easily Installed, Which Lighten Remarkably the Burdens of the Household

ETHEL R. PEYSER

DO YOU realize the amount of horse-power it takes to get yourself up and down the cellar stairs or pass from the dining room floor to the nursery? Have you considered the steps it takes to bring trays to an invalid? To answer door bells? To carry out the thousand-and-one duties of the day? If you have never thought of these things and are still suffering, you will probably enjoy the following discussion of the elevator and dumbwaiter as step and time savers in the home.

Before going further, it might be well to list some of the uses for these mechanical carriers:

1. For trunk lifts in country houses, especially as there are few people, who have lived in the country who have not waited in terror the advent of a wardrobe trunk or two, wondering how to carry them upstairs, especially, when there is no man on the premises or when he is in the pasture.

2. Invalid use: The dumbwaiter as a carrier of foodstuffs and comfort. The elevator to afford egress and comfortable living.

3. Ash hoist: All manners of convenient "lifts" for ashes and garbage can be had which save wear and tear on humans and on the house itself. Bumping cans never did any good to house, can or man!

4. The hearth lift: A dumbwaiter by the hearth on the living room floor, in an opening at the side on the floor or at the side under the mantel itself, can make log furnishing a comfort and a fire a blessing.

5. The kitchen chest: This is an inexpensive luxury for small homes—the ice chest which at the press of the toe comes up from the cellar and with the push of the finger "goes back to bed". It is out of the way in small areas and is convenient.

6. The cold storage refrigerator: In some parts of the country a dumbwaiter is used to hold food and carry it down to a concrete well where the food is "coldly" received and kept in condition until time for it to be consumed.

7. Passenger travel.

Elevators and dumbwaiters can be propelled either by hand or by electric power. You may hate the old fashioned hand power dumbwaiter, yet today they are made without these attributes you so wisely detest. For they now stop at any point, definitely, and have the automatic brake device which prevents the car from slipping down on the unwary one's head or popping up under the unfortunate's chin! Thus all the usual nerve making and jarring, sliding and jumping is banished, for all time. There are no extra fixings and the rope is comfortable to hold and the dumbwaiter works noiselessly, smoothly and rapidly.

If you are dissatisfied with your old dumbwaiter you can easily have the new automatic brake mechanism installed.

The dumbwaiters are so counterbalanced and adjusted that they work by a mere touch!

The cars are usually of ash because it is hard. Chestnut is often used too, even though not quite so hard.

The capacity of dumbwaiters is usually made according to their functions. For domestic purposes 100 pounds to 200 pounds, is ample—the latter, if ice is purveyed via the dumbwaiter. The speed also conforms to use and comfort.

THE machinery, simple as it is, is usually above the shaft and contrived so as to be easily reached when the "few and far-between" repairs are needed. The care amounts to little:—oiling occasionally and after a few years, new ropes may be necessary. But in case of needed servicing always seek the manufacturer or a dumbwaiter expert.

As we said above, in many homes the newer, hand run elevator is used. This may sound old-fashioned when electricity can be employed, yet it has its place—this elevator.

Firstly: In large homes where there are many servants, there is usually an electric lift for the family and a servant elevator or trunk elevator run by hand power.

Secondly: Invalids elevators are often hand power elevators because of their simplicity and dependability they are safe, easily operated and not liable to get out of order.

Thirdly: Because of the automatic brake, the hand power car can not run away, either up or down and is therefore absolutely safe.

Fourthly: They are used in districts where there is no electricity.

The operating hand ropes of these elevators are made of braided cotton rope, and the cars are suspended by two iron cables. These cables are independent of each other, therefore, if one breaks the other holds it—and so the elevator is danger proof. The safety device, under the platform of the car to prevent the car from falling, is of course *wise and recommended*, but the car is safe even without it.

Rarely is a door used on the platforms of these cars because they go slowly. Many who have insisted on doors have "de-doored" soon after the installation.

The electric dumbwaiter and elevator are magical! All you do with them is to press a button and the car does the rest. Of course, they are more expensive than hand power lifts, because of the more elaborate machinery.

The cars for both dumbwaiters and elevators are made in many sizes, so that the hatchway must be built to house them. Yet, we urge conforming here to stock sizes of machinery so that the cost will be less. As these cars are propelled by electricity, a motor is used, therefore, whether you have Alternating Current (A.C.) or Direct Current (D.C.) must be made known to the maker.

Whether the machine is put above the hatchway, in cellar or somewhat on the side in the cellar is another point to be decided upon by the manufacturer and architect.

The cars for the automatic electric elevators are more elaborate than the hand propelled cars and are made of metal with electrolier and all the delightful additions a beautiful electric device has. The grille work can be made from the simplest to the most rococo patterns.

The bulk of the machinery is usually in the pent house (on the roof) on top of shaft except when it is necessary to have the engine in the basement.

The automatic elevator runs very simply—it is done by pressing buttons and you manipulate them with the same pressure as you would the button on an electric light switch.

IN THE elevator is a bank of buttons corresponding to each floor, the pressing of which, will send car to that floor designated by the chosen button. On each floor, at side of elevator is a hall button, the pressing of which, calls the car to that floor, if it is not being used at the time.

In any automatic electric elevator be sure:

1. That the passenger going into the elevator can go wherever he wishes by pressing a button, absolutely free from interference by anyone on any floor.

2. That you can call a car to any floor from any floor, unless the car is being used.

3. That all doors or gates of the shaft

(*Continued on page* 108)

A LITTLE PORTFOLIO OF GOOD INTERIORS







The living room above, another view of which is shown on the opposite page, is notable for its interesting color scheme and for the livable arrangement of its furniture. It is in the home of Mr. Louis W. Child, Atlanta, Ga.

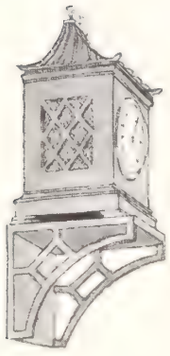
An old Chinese painted wall paper with a decorative design of branching trees makes a striking and colorful background for the fine 18th Century mahogany furniture in the dining room of Z. G. Simmons at Greenwich, Ct.



The walls of the living room above are panelled and painted soft green, the hangings are old antique ones, over heavy gauze under curtains, and the floor has several pieces of furniture and pictures that belonged to [illegible]



Interesting features of the [illegible] room [illegible] are the curtains of green and gold silk, the dull rose horsehair on the hair seats, and the ship picture above the side board [illegible]



For wall mirrors, bracket above, after a design by Hepplewhite, would be effective in a Georgian living room or library



Mirroring treatment for the long wall over which a piano consists of a mirror framed in narrow molding and a pair of fire-lighted brackets painted dull gold and antiqued



For a room furnished in the French manner comes a carved and gilded wooden bracket ornamented with crystal drops

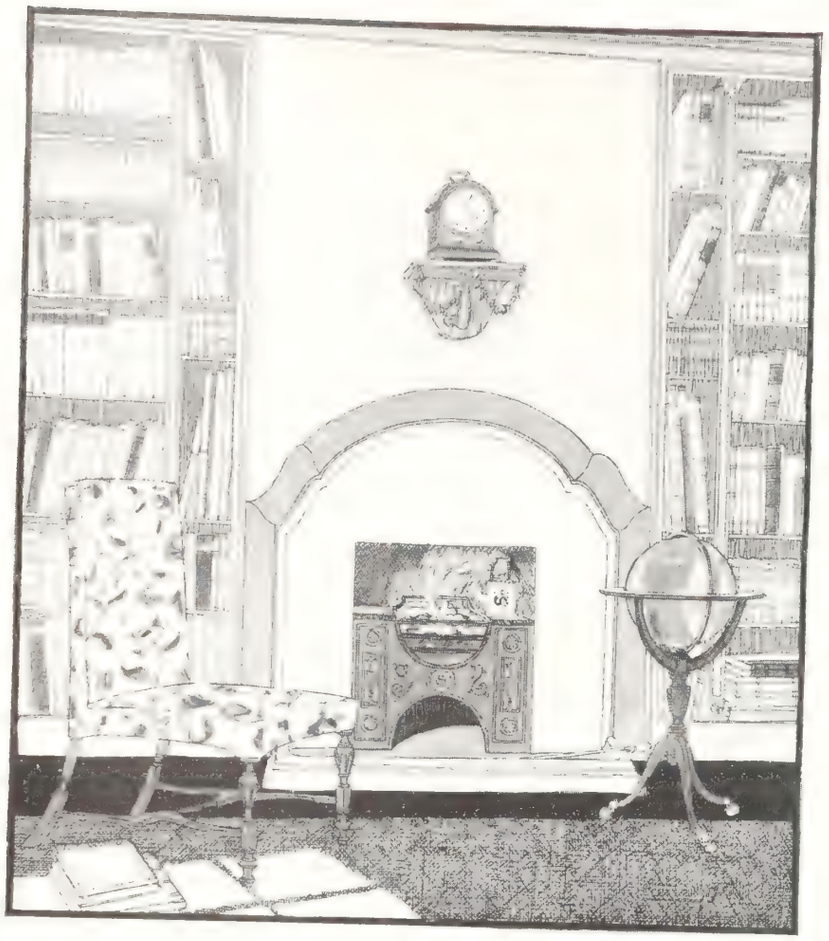


The graceful pottery flower holder at the left was originally a candle bracket. It makes a nice spot of color against the gray dotted paper

Small wooden brackets of the type shown at the right may be used to hold jade trees, bits of china, figurines, or pots of ivy. Darnley









The bracket above, suitable for a 17th Century French or English room,

BRACKETS OF MANY KINDS



TIME PIECES FOR THE GARDEN

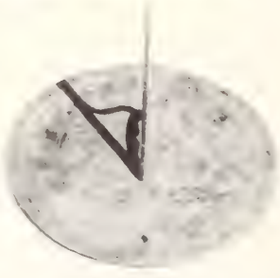




An interesting reproduced brass sundial copied from one made in England in the 17th century dial



The sundial above was copied from an ancient armillary sphere. It is of brass in antique finish. Imported by the Skinner Hill Company



At the right is a round sundial of old English brass and an ornamental engraved design on the center



A decorative feature of the curved pedestal above is the graceful band of fluting around the lower portion. The Galloway Terra Cotta Company



The classic simplicity of the pedestal at the right adapts it to many types of gardens. Courtesy of the Architectural Decorating Company

SOME LIGHT ON THE SHADE PROBLEM

One of the Important Items of Household Equipment That is Most Appreciated When It is Least Obtrusive

MRS. HARLAND A. ALLEN

COMPARED to the time, thought and money that we lavish on the rest of our window hangings, the attention devoted to the shades is a slim portion indeed. And yet because they are one of the practical, prosaic necessities, it does not follow that they can be treated in an indifferent or contemptuous manner. If the windows are the "eyes of the house," as the interior decorators say, then surely the shades are the "lashes" to those "eyes". If they do not harmonize with the tones of our walls—if they are not smooth—if they do not hang straight—they can easily mar the decorative effect of the most carefully-planned room.

It is fatal to try to economize on shades. Nowhere in the house does an article receive greater abuse and wear than the shades at our windows.

We lower the window from the top and a brisk breeze or sudden gust of wind sucks the shade in and out and whips it against the sash. Or we pull the shades below the sash of the opened window and allow them to flap in the wind. An unexpected shower catches us away from home with the windows open, and before it passes manages to drench the flapping blinds thoroughly.

A poor shade just can't stand the strain of everyday life. In the first place, it is apt to be made of loosely woven cloth that has to be heavily filled with chalk or some clay substance to give it weight and smoothness, and then when the wind sucks and snaps it, the brittle filling crumbles and falls out, and it soon presents a sorry sight all criss-crossed with cracks and pinholes. Or else it consists of a flimsy material which presently sags and hangs in wrinkles.

QUALITY in a window shade depends upon the fineness and closeness of the weave in the material, its smoothness, freedom from cracks and pinholes, its evenness of color, the opacity, or degree to which the light is excluded, and the quality and tint of the light that comes through—all these things make the difference between a beautiful window and one that looks shabby and ugly.

A good shade will hang straight and true, will keep its color, and will not crack. Instead of being stiff, it is soft and supple.

Many people make the mistake of thinking that a thick shade which keeps out all of the light will wear better. This is not necessarily true, and often a translucent shade will give better service, cannot be seen through from the outside, and sheds a pleasant glow over the whole room. On the other hand, some people do not like the translucent shades, on the ground that they do not sufficiently protect the rugs and hangings from the sun, and also because at night they show shadows.

The materials used in the making of a window shade count so largely in the success or failure of the finished product that the householder can no longer afford to be ignorant of what goes into the making of the different grades. The strong sunlight at our windows and the constant strain of rolling up and down demand that only stout, durable fabrics be used. At the same time there are so many ways of cheapening any grade, without its hardly being noticed, that it behooves us to become acquainted with the best types of materials, as well as those which have not proved satisfactory and adaptable for all of our rooms.

WINDOW shade cloth is made of muslin or cambric rendered opaque by being heavily sized or stiffened, and dyed or painted in various colors. Contrary to general impression, there is now no linen shade cloth to be found on the market. The quality of opaque cloth varies according to the kind of stiffening used, and the fineness of the foundation fabric.

The lower grades of shade cloth are stiffened with a species of clay, mixed into a paste, and pressed into the meshes of the cloth, between heavy rollers. As the cloth leaves the rollers it is dyed by passing through a vat containing suitably prepared liquid dyes. Shade cloth filled with clay is of very inferior durability. The first accidental wetting, or even slight dampness, deteriorates it; and after a brief period of wear, you can notice little creases and cracks beginning to appear in your shade, due to the brittleness of the clay.

The better grades are stiffened with lead and oil, and instead of being piece-dyed, they are painted. The paint may be put on by hand, but is usually applied by means of a wide brush operated by machinery.

Many kinds and brands of window shading are on the market but they consist mainly of these two qualities, known as "water color" and "opaque oil" shades. The water color is an inexpensive shade, and is made with water colors on a cheap cloth. These colors are not fast, and will give trouble by "running" if they get wet. Of course, a drenching shower is not recommended as particularly good for the constitution of any shade, but the colors in an opaque shade will not run to any great extent, and the damage is not so extensive. Any shade when wet should be removed from the brackets and stretched and dried carefully, or it will lose its shape. The standard opaque oil shade is made on a fine or medium grade of filled muslin, with pure linseed oil colors.

Holland shade cloth represents the principal variety of imported goods, coming chiefly from Scotland. The foundation is plain-woven muslin, stiffened with pure starch, and finished with a glaze. There are now many domestic "Hollands". Dull-finish Hollands are usually made from a lower grade muslin. The Holland shade is very durable, although higher in price, and more or less transparent, so that it does not make a room dark in the daytime.

To detect the quality of shade cloth in the shop is not easy. It would be necessary to see the cloth before the paint and filler is applied. But contractors, and retailers of these goods, usually supply you with small samples of the shade materials they handle, and from which a selection is to be made. Do more than simply look at these and admire their pretty colors. Get them between the thumb and index finger of each hand, and rub briskly until all the paint and filling falls out. Then you can really see the threads. Everything else being equal, the closer the threads are woven the better the shade will be.

The color of your shades—both in relation to the individual room and the exterior of the house—has much to do with the charm of the home as a whole. Haven't you often studied an architecturally pleasant little house from the street, and wondered just how it escaped being attractive? And then, presto, you know. It is the shades! The coloring of the outside shades should always be chosen in relation to the coloring and type of the house itself. While within our rooms, the function of the shade, from the decorator's point of view, is to mellow and subdue the outside light.

IN choosing your shades avoid violent contrast between them and the walls. Think of them as part of the wall-space and see that they tone in with the wall coverings. They should form a rather neutral feature in the color scheme of the room. Remember that you don't have to "match" the color of the house or the furnishings. On the outside of the house they should harmonize with the house itself, but are usually best a little lighter in tone.

(Continued on page 106)

FRAMING KAKEMONO PICTURES

A New Idea in Wall Decoration for the High Ceilinged Room Whose Walls Are of One Color

MRS. SOMERSET MAUGHAM

THE Oriental Kakemono or hanging pictures—usually painted on silk or paper in water colors—are a boon to the reception room whose walls rise to an unusual height. For years we have looked at these "voiceless poems" in the shops that deal in Eastern antiques—looked, and then hurried past temptation. How could one use them? The framed picture is an anomaly in China and Japan but Kakemono, in a Western house, their top rollers tied to nails, leaving a good five or six feet of paper as prey to the winds, were something to be eschewed by any sensible person planning a peaceful room.

Kakemono brought to England and the continent in the 18th Century were framed in strips of imitation bamboo. Such frames were lacquered in various colors or simply varnished, but no variety of them is suitable for the room that boasts any degree of elegance.

Loving these subtle paintings from the far East, so redolent of the thought of philosophers and sages, I decided to use several of them in a high-ceilinged Georgian room given over to receiving guests on more or less informal occasions. The most important object in the room was a fine 17th Century Dutch mirror, the plate and the frame of mirror slightly powdered by time. To enhance the value of my mirror I decided to frame four large Kakemono in narrow strips of mirror. The mirror strips are about two inches wide and a foot in length. These strips are held together by silver

(*Continued on page* 132)



Where there were once Georgian [illegible] *niches paneled with squares of old mirror make pools of soft radiance, as an outline for the brown curtains*



In the reception room, of which two views are shown here, the walls are enlivened by Kakemono framed in old mirror glass directly on the wall surface

Chalon





The living room, with its Norman arch and its heavy, rough-hewn beams, is a Norman adjunct — the steep-peaked ceiling with its cross tie beam, and the cobble hearth and the fireplace, carved with squirrel, bird, fish, and tree motifs by Walter Hancock

Blue Talavera tile forms the shelf that covers the radiator in the recessed bay of the living room. The casements are steel and the lintel of oak. The lighting fixtures reproduce an early American design in solid pine and strap iron



The living room entrance projects from the living room to form a sheltered porch for the main entrance door. The construction is of hand-adzed oak, with a lintel graced by carved grape, thistle, and pineapple decorations

THE HOUSE OF FRANK J. FORSTER

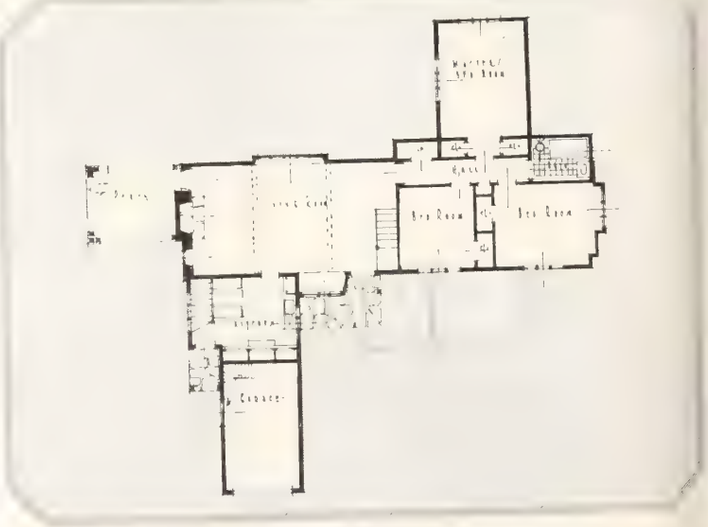
DESIGNED BY ITS ARCHITECT OWNER AT GREAT NECK, L. I.



From the south you see the living room, porch and garage. Walls are irregular stucco whitewashed, and the chimney common brick finished in the same way. The roof is laid in slates of purples, grays and green



In the kitchen the walls are sand-finished plaster, the woodwork knotty pine stained brown and the floor of red and black square linoleum tile. The drain board and kitchen sink are linoleum edged with a white metal



The entrance leads directly into a two-story living room, one end of which serves for dining. The kitchen is conveniently near. From the garage stairs lead to an unfinished room above



The house stands on a grove of birch trees, the lawn and the rocks. A natural landscape was retained for the setting. Of particular interest are the walls, the middle one of which runs past the end of the roof and is extended. The

A built-in breakfast nook and a shelf for the display of kitchen accessories are pleasant details. Here the door heads and door panels are of solid oak construction. The same motif appears in the





The living room is

THE ARCHITECTURE OF CHIMNEYS

The Appearance of a House Can Be Greatly Helped or Hindered By the Design of Its Chimneys

FREDERICK HOUSTON

THE chimneys of the house are closely associated in our minds with two prime creature comforts—warmth in cold weather, and the cooking of food in all seasons. It is through the chimneys that the apparently dormant house shows its most definite signs of life. Most of us can recall autumn tours through old country sides—sparsely settled ones, and the final arriving at dusk at the "supper" destination, to find no signs of life except the scent of frying bacon, and grey wood-fire smoke doing spirals from a substantial and well smoked old chimney stack.

In these days of the cellar heating plant, and gas for cooking, the chimney as an outlet for the "hearth fires" would be rather a denatured feature were it not for the continued regard for the open fire. At least the living room in even the smallest house must be provided with its fireplace and in larger houses this luxury is extended to both the first floor living rooms and to the bedrooms as well.

The chimney as we know it, is of comparatively recent origin. Its most active evolution naturally took place in those countries where cold winters made the fireplace a needed comfort, and so it was particularly in France and in England that the chimney habits we follow were earliest contrived. In England in the 13th Century the introduction of the single flue chimney and the wall fireplace was to that time the arrival of their "mechanical age" and the latest achievement in comfort.

Prior to this time, the fire was built in a brazier, or on a hearth in the middle of the floor, and the smoke after following its inclination in circulating about the great hall, emerged finally through a vent, or louvre, in the roof.

It is generally considered that in England it was not until the coming in of the brick architecture of the 15th Century, that more than one flue was located in a chimney. With the 15th Century, the habit of clustering many flues into single large stack became prevalent and the chimney particularly in France and in England soon became the object of great elaboration and ornamentation, in fact to a degree which has never since been indulged in.

In our own country in connection with the wooden houses of the early 17th Century, the humble old English scheme of the wood framed, mud daubed chimney was resorted to. Long after brick became available, the mud daub chimney was continued for





Above is one of the most interesting of early American chimneys — reminiscent of the Tudor period, in the now vanished "Fairfield," a late 17th Century house in Virginia

At the left a somewhat later Virginia brick house shows the chimneys a very integral part of the building, with diamond patterns in bond of the exterior face

poorer dwellings, and was the object of reform efforts on the part of Colonial authorities. The late 17th Century saw the brick chimney very prevalent, however, and the all brick mansion becoming usual for much of the best building.

In connection with the wooden house the brick chimney became an impressive adjunct. In the southern colonies the chimneys were often widened at the base so that well nigh the entire end of the house became massive brick work, and the clapboards were used at front and rear only.

In New England the frame house usually had a generous square chimney centrally located and emerging from the roof at the ridge.

In connection with the all brick house, some rarely interesting chimneys were built. The illustration given of the now vanished "Fairfield", Gloucester County, Virginia, shows a late 17th Century expression of chimney design which harks back to the brick architecture of 15th and 16th Century England, when it was the fashion to separate the flues into tall brick stacks, set upon a massive base.

A few decades later saw the building of "Stratford" the old Lee mansion, down the Potomac from Washington, and





Much of the great beauty contained in this house by Harrie T. Lindeberg—undoubtedly one of the finest pieces of domestic architecture in the country, is due to the large size of the chimneys

The all brick chimneys of this house, made up of large, dark brick, contrast with the dark of the slate roof in the same material, producing a [illegible] and texture

here the fancy of the Lee of that time ran to chimneys. He did himself well however, for the result is successful, and illustrates the value of generous and finely proportioned chimney stacks for securing distinction and great interest.

The great size of these earlier chimneys is partly to be credited to the large flues then considered necessary, but in a greater measure to the desire to insure against fire danger. The fireplaces and flues were safeguarded by deep masses of surrounding brick work, in order to reduce the danger of defective mortar joints, dislodged bricks, and the fire eventually finding its way into the wood framing of floors, walls and roof.

There were no well equipped fire departments near at hand. Volunteer neighbors were often miles away, so once a fire started, it ran its course. The danger of

(Continued on page 150)



This octagonal pigeon loft strikes an effective and picturesque note in the California courtyard of Thomas Ince and makes an excellent, easily accessible home for the birds

THE BIRD ON THE ROOF

Both their Own Beauty and the Architectural Delight Contained in Their Houses Should Appeal to the Garden Owner

HAROLD H. SCUDDER

PIGEONS are a decorative asset to any garden. The loveliness of their form and coloring fits perfectly into the floral scheme, and the cotes made for them may be architecturally delightful. The uninitiated will probably be surprised when he learns how many are the kinds of pigeons. There are as many varieties as exist among such flower families as the Pinks and Campanulas. For instance, there are: Short Face and Clean Leg Tumblers, Parlor Tumblers, Tipplers, Turbits, Oriental Turbiteens, Magpies, Archangels, Helmets, Nuns and African Owls. Then there are: Flying Homers, Jacobins, Fantails, Pigmy Pouters, Norwich Croppers, Barbs, Priests, Modenas, Cumulets, English Owls, Clean Leg Toys, Flights and Oriental Frills. Besides these one may have: Antwerps, Dragoons, Polish Lynx, Strassers, Maltese, Hungarians, Carneaux, Exhibition Homers, Muffed Tumblers, Swallows, Fairy Swallows and Rollers. If none of these satisfies one has still the option of taking up English Pouters, Carriers, Kings, Mondaines, Horuneaux, Carmotese, Runts, Trumpeters, and Scandaroons, or several other kinds.



At the peak of this garage roof a small bird loft, suitable for several pairs of pigeons, adds to the architectural interest of the building. Soule, Murphy & Hastings, architects

From the landscape architect's point of view white pigeons are the most desirable. No other color is so effective against the background of green trees, slate or shingle roofing, stone or brick work, and fortunately, white pigeons may be had in many varieties. First of all in showiness is the Fantail, a miniature, strutting, snowy peacock. Add white Fantail by all means to your garden paths, but do not forget to protect them. The white pigeon is the especial prey of the hawk, and it is only when you have kept pigeons that you begin to understand how common a bird the hawk is. Other birds have some protective coloring, but except in winter the white bird advertises his presence to al

the world, and must depend upon his fleetness of wing to escape his enemies. This is just where the Fantail is weak. He is a heavy, awkward flier, and the hawk swoops down with fearful swiftness. Protecting trees, and proximity of human help will do something to ward off this danger, but I know of one man who has a beautiful place on the Maine coast who loses his white Fantails to hawks so regularly that he is forced to restock every two or three years. Hawks have been known to attack Fantails even in a city yard, and to throw themselves furiously against the protecting wire screen in their endeavors to get at their prey.

Fortunately, however, all white birds are handsome, and many of them are quite able to care for themselves in the air. Next to the Fantail in picturesqueness is the Jacobin, an ordinary, graceful bird from tail to shoulders, but at that point suddenly blossoming out into a great ball of feathers, in which the small head is quite lost. If not quite so showy as the Fantail, the Jacobin is very striking, and it is less likely to become the victim of the predatory hawk. Next to the Jacobin for show, the white Runt deserves mention. The Runt is a rangy, big limbed, athletic looking pigeon famed for its great size. A good Runt is twice as large as a Fantail. Its name has apparently been bestowed upon it in a spirit of facetiousness, for the Runt is the giant among pigeons, but the wag who named it, I am sure, never suspected how long his joke was going to survive him. I do not know when these magnificent birds were named but it was sometime before 1656, for in that year Isaak Walton wrote:

"It is certain there are tame and wild pigeons: and of the tame there be Helmits, and Runts, and Carriers and Croppers, and indeed too many to name."

Among other good white pigeons there are Swiss Mondaines, and Kings, large, handsome birds, destined ordinarily to serve as breeders of squabs for table use, but worthy of better things; and the White Homers. These last are, perhaps, the most satisfactory of all, for they combine in themselves the bird useful for decoration, and the bird for sport. As racing birds, indeed, the White Homers do not compete successfully, as a rule, with their slate colored brothers, but they are swift enough for their own protection, and have all the grace of outline of their famous race. If there are hawks in your neighborhood, the White Homer is your pigeon.

Before leaving the subject of pigeons for decoration, a word should be said as to pigeon colors. Self-colored pigeons are white, black, red and yellow, the last two being misnomers, for the red is halfway between maroon and chocolate, and the yellow is the color of a

(*Continued on page* 110)



The quaint gabled dependency on an English estate contains a pigeon loft for a large collection of birds and is made more attractive thereby



In the corner of the English garden stands a plain tool house that has been enlivened by the bird house at its peak

DESIGNING THE COUNTRY GARDEN

Some Factors In Its Treatment And Appreciation Which Make It The Happiest Place To Be In And To Behold

ELIZABETH LEONARD STRANG

THE problem of the country garden involves radically different factors from that of the city garden. In one case we have limitations, definite fixed boundaries rarely to be altered or planted out. We have also a restricted choice of plants due to city conditions—smoke, poor soil, or shade.

In the country there is usually no visible fixed boundary—often a choice of several sites; distant views to be drawn into the picture; and the dominance of landscape rather than architecture. But we cannot modify the contour of the ground as easily as in a more restricted area, rather we must cleverly adapt our design to the existing conditions. And inasmuch as many country places are used but for a comparatively small part of the year, one may compress a maximum of color and luxuriance within the space which must be in other cases devoted to an all-season display.

Having finally fixed upon the site for the garden, after due consideration of the preliminaries, the location of the principal rooms of the house, the relation of service, entrance and pleasure part; the soil; the exposure to sun and wind; views; the character of the indigenous vegetation and the location of any trees or shrubs interesting enough to be incorporated in the design—you talk it over with thoroughness. No point must be overlooked.

One must know for how many months of the year the garden is to be enjoyed. Is it to be mainly for the furnishing of cut flowers? Is it to be for display or effect? Or is it to be an outdoor living room, as much an integral part of the house as the breakfast room or sleeping porch? Or is it to be all these things and more—a garden of memories and sentiment; to furnish solace and enjoyment and health-giving work, a vital interest to take the place of sterner tasks no longer pressing?

The smallest of practical points must not be overlooked—what colors will harmonize with the interior of the house, what specific named varieties will afford the most pleasure—what will it cost and what will be the provision for its up-keep. Nor is it to be assumed that the garden's beauty is in exact ratio to its cost. One may spend thousands of dollars and just miss that elusive something we call charm—or spend a few hundreds and attain one's heart's desire.

To be sure, much depends upon the suitability of the site. Some places suggest at once a very definite scheme of development. Others, having a rather vague personality, with none or few outstanding characteristics, need to be led into interesting arrangement. But special features, of plant growth or topography, however unimportant they may seem at first glance, should be seized upon as the keynote of the general idea. For when the work is finished it is pleasant and satisfying to note the way in which the original incidents of the site have become a part of the design—how certain trees, once growing in meaningless locations, have achieved real significance; how a sudden slope has provided an opportunity for a flight of steps; how a view, once scattered along a whole horizon, has become framed effectively and drawn into the picture. It is a simple matter, given sufficient funds, to take what is apparently a most uninspired piece of ground and develop it regardless of its natural tendencies into a howsoever beautiful garden scheme; but it is something else again to take that same piece of ground and make something of its very deficiencies. The latter course is the real art of landscape design, and it is the method of planning which lives when the other has died of its own artificiality.

Not all these facts are elicited as the re-



Old-fashioned flowers are in this country garden—Iris and Funkia, Delphinium and Foxgloves, Hollyhocks, Poppies, Peonies and Phlox

The garden is really a succession of three terraces, paved and rimmed about with flowers. It has a definite design, but the design is not too pronounced



This view below of the Fragrant Garden was taken on June 11th. Color and rich perfume is here close to the open windows. Evergreens color the winter



sult of direct interrogation. One soon comes to note subconsciously whether dogs and boys will run gayly over the choicest Lilies, and to provide a fence or non-killable varieties. One learns after awhile to provide a congregating place for garden parties, or a cozy nook for the serving of tea, as seems most fitting. And it must not be forgotten that the garden is primarily for the pleasure of its owner—not as triumphant expression of the designer's skill or the evolution of a correct period type.

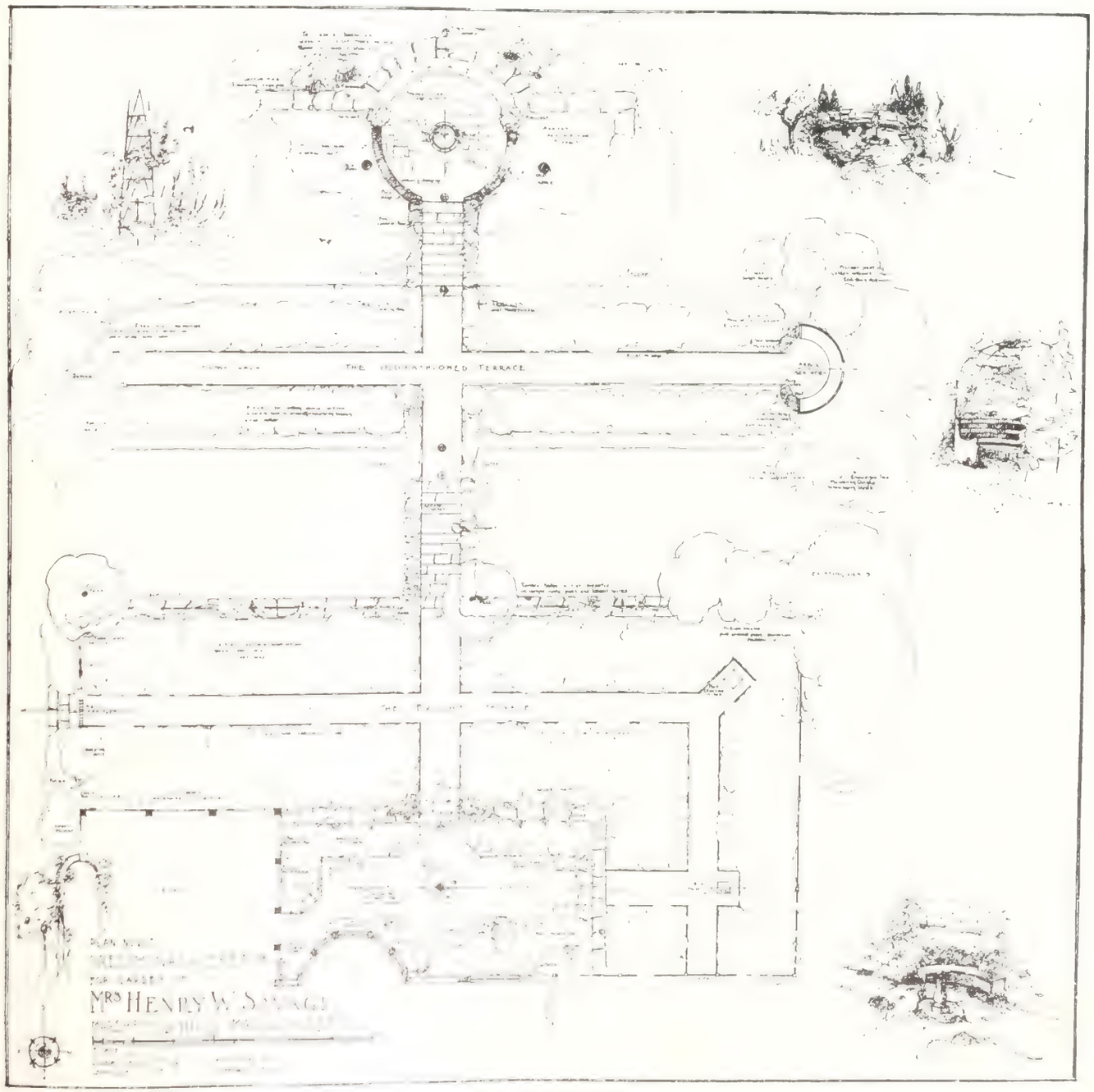
The outstanding characteristics of the country garden herewith illustrated are first, a close adaptation to the contours of the site. It was literally built to fit a series of old grass grown terraces. Second, an air of simplicity inevitable to the cedar covered slopes and rambling cottage type of dwelling peculiar to the country—attained by use of the local stone for walls and walks carefully studied scale of the architectural details. Third, the adaptation of the design of the paths to the planting—see how the main path leads to the focal point below, between the two large apple trees. Fourth, the bringing in of the distant view of the sea, as evinced by the placing of the arbor. Lastly the colorful luxuriance of the planting expresses to the utmost a joyful country garden.

The use of evergreens on the first terrace, where their nearness to the house is especially appreciated in winter; the concentration of all possible plants to be near the windows and breakfast porch; and the utilization of the paved walks for the creeping rock plants differentiate this part of the garden from the rest.

The next level, aptly termed "The Bright Terrace", contains all the perennials essential for a succession of brilliant effects —Daffodils, Tulips early and late, springing up through a carpet of Arabis, Alyssum and Creeping Phlox; a long border of Foxgloves, Sweet William and Forget-me-not, succeeded by ranks of tall white Snapdragon and Rose. Gladioli faced with shell pink annual Phlox and blue Ageratum; a telling combination of pink Oriental Poppy, Harrison's Yellow Rose and Iris pallida; a choice selection of Iris, Peonies and Phlox distributed with careful attention to a succession of color masses; the placing of the taller ranks of Lupine, Larkspur, Hollyhocks and hardy Asters against a background

(*Continued on page* 154)

For a gently sloping hillside this design is excellent. It has four parts, the Fragrant Garden near the house, the Bright Terrace of color, the Old-Fashioned Terrace and the lower pool and seat



IRISES IN THE ROCK GARDEN

A Review of the Good Dwarf and Medium Species

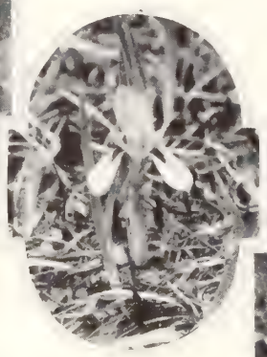
LOUISE BEEBE WILDER

IRISES are so many, so amazingly various, so almost universally desirable that one without acres to devote to them is in a quandary how to choose among them. But one who threads his way among the splendid crowd in search of adornments for his rock garden only, finds the embarrassment materially lessened.

The Irises we choose for the rock garden, if we are to uphold the best traditions of this Floral Kingdom of Liliput, should, of course, be dwarf of stature. No beauty of the spacious borders, long-stemmed and with huge blossoms, should have a place there, nor should any tall member of the Beardless section—*aurea*, *ochroleuca* and the rest—be they never so regal, arise to disparage some tiny, lovely thing. These, like the great-flowered Cottage and Darwin Tulips, the big Trumpet Daffodils, are for the glorification of the borders,











(Top) To Iris pumila and its descendants must be granted the greatest enchantment of all. There are many forms, varying in color and height

(Above, left) I. lacustris rather suggests cristata, but is not so large, vigorous and gay. Its native habitat is along the shores of the Great Lakes

(Center) Acid soil is an absolute requirement of Iris verna, from the Southern States. It is an early bloomer well suited to the rock garden

(Above, right) Iris crispata loves the waterside. Where the rock garden can offer such a setting the species is distinctive and well worth while

(Right) Among the taller but suitably slender species is Iris Bulleyana, a late bloomer whose soft blue blossoms are a welcome note in the rock garden

while the little gay wild Tulips, the tiniest among the Daffodil, the smallest members of the Iris tribe, are cherished in the sequestered nooks, along the little safe ledges, on the high windy tableland of the rock garden. There they are safe from pushing neighbors, there they may have special soil and special aspects made to order for them, there they may show the full quality of their fragile beauty without coming into competition with the bulk and gorgeousness of the border beauties.

Perhaps the height of Irises used in the rock garden should not exceed one foot, though in the case of some species, very slender as to foliage and with flowers delicately modeled, a few inches more may be allowed. A few we shall find that do not accomplish a greater eminence in the world than three or four inches. These are delightful indeed.

Probably the first we shall come upon in our search for miniature types and varieties for the rock garden will be found in catalogs under the Dwarf Bearded Iris. These are little sisters of the border beauties known as Tall Bearded Irises. They range in height from four or five inches to about twelve inches, and they bloom very early—during April and early

(*Continued on page* 142)











(Top) One of the good bulbous sorts is Iris reticulata, whose flowers open during March in the latitude of New York City. It is suitable light in habit

(Above, right) Iris cristata is the gayest of our native species. It lavishly repays a small amount of thoughtfulness and care. A native of the Southern States

(Center) A delightful little fellow, I. tenax, comes from California. Its blossoms vary from deep claret through lavender to almost white

(Above, left) From the gardens of Tokio comes Iris minuta, a sprightly sort with yellow blossoms. It asks for leafmold and sand top-dressed with stone chips

(Left) Iris tectorum alba likes sunshine, protection and a thoroughly drained soil. It belongs to the crested branch of the family and is supremely beautiful



The largest of this group of Filling Stations, Type C, is built of stone, tile and brick. It can accommodate three cars at one time under its covered section and others along its curved driveway. The three buildings on these pages were designed by Foster & Vassar, architects. Reproductions of working drawings are on page 156

FILLING STATIONS *for* TOWN BETTERMENT

Designs of Unusual Architectural Merit Are Offered Here In Three Distinct Sizes All of Which Combine Beauty With Practicality

SCARCELY any other sort of structure has been the victim of such strange architecture as that which characterizes the average filling station. In houses, certainly, and even in buildings devoted to similar purposes, it has never seemed necessary to resort to the blatancy of color and design which occurs in these oases for the automobile. When filling stations first came into being they had no architectural precedent to follow, and it may have been thought a good plan to let them assert themselves and proclaim their quite original function by building them in the most curious styles possible. This scheme of design is no longer necessary, and consequently filling stations are becoming less hideous; but there is still much room for improvement. If they were once too weird, they are now apt to be too "elegant." Either weird or elegant they strike a jarring note in their surroundings and stand, not as monuments to an enormous and vital industry, but to bad taste. Now that they need no longer proclaim their existence by screaming architecturally, it seems a wise move for them to adopt some kind of quiet simplicity which will aid, rather than harm, the appearance of towns and highways.

The three designs suggested here in the Town Betterment series are examples of self-respecting simplicity. They make no great or gaudy pretensions to be anything but what they are, yet each one is a piece of well studied architecture. They are not filling stations in disguise. They announce their purpose at once, but with an easy, pleasant gesture, rather than with a shout. Such simplicity as theirs, and such quiet, unstruggling distinction, are the most attractive qualities any building can possess, and it is to buildings such as these that the crowds will be drawn.

The smallest of the three (Type A) is one for a country road. Though of frame throughout its construction is sturdy. It can be built with great ease and at little expense. If the trade it develops because of its good design becomes too great for its size it can be moved to another location and replaced by a larger structure. The exterior walls, whether they be faced with shingles or clapboard, the trim, doorway and sign should be painted a cream color; the roof, with its graceful curves, should be painted green with black stripes.

Type B filling station is rather French in feeling. It has walls of hollow tile stuccoed and quoins and sills of cement blocks specially cast for the purpose. The sharply pitched roof is of tin painted green. The awning across the passageway at the pumps is of steel framework, covered with sheet metal and edged with scalloped tin painted in contrasting stripes. On either side are large metal sash which serve admirably as show-windows. The interior consists of a shop space 16 by 20 feet, a toilet and fuel closet.

The largest of the three is Type C. Its construction and arrangement are made apparent by the sketch at the top of the page and by the plans on page 156. It represents a type of filling station which might be enlarged at will by simply increasing its length at either end. The curved wing walls provide poster space.

HOUSE & GARDEN'S PLANS FOR TOWN BETTERMENT

Each month designs are being published here for the architectural details of the wayside and the community. The first of the series was a group of three Roadside Refreshment Booths; the second consisted of Benches and Flagpoles. Filling Stations are the third item to be considered. In July six designs for Street Lights will be shown, in August a group of Street and Wayside Signs, in September three designs for Real Estate Field Offices. Working drawings of these wayside and community accessories may be had free of charge, after the date of publication, by addressing the Town Betterment Editor, HOUSE & GARDEN, 19 W. 44th Street, New York City.





The smallest of the Filling Stations, Type I, is noteworthy for both its architectural distinction and its extremely low cost. Its construction is such that it might very easily be moved from place to place. *Plans on page 170*

The design for Type B Filling Station, should be executed with walls of stuccoed tile and quoins of specially cast cement blocks. The show-window is of large steel sash and the awning of painted sheet metal. *Working drawings on page 170*

LANTERNS FOR GARDEN AND PORCH



Above is a reproduction of an old English lantern in antique finished brass with pierced bands. Imported by the Skinner Hill Co.

A reproduction of a ship's lantern is shown below. It has a brass frame and convex lenses. From the Handel Co.





The interesting wrought iron lantern above is a copy of the lantern carried by Paul Revere. Courtesy of the W. Irving Forge, Inc.

The lantern shown on the gate at the left is of wrought iron with antique glass panels. Arthur Todhunter



For an English or Colonial type of house comes a sturdy lantern of hand wrought iron fitted with antique flint glass. From Arthur Todhunter



The design of the graceful bracket lantern above was inspired by a light on an old English Inn. From Kantack, Heath and Warman



Above. An effective lantern for a Dutch Colonial type of house is of hand-hammered iron. From the Florentine Craftsmen



A half round lantern of pewter or iron has a decorative pierced and scalloped band at the top. Kantack, Heath and Warman



The articles on this page may be purchased through the House & Garden Shopping Service, 19 West 44th Street, New York City. A slight charge is included for packing

The time tone garden bench at the left is 19 inches high, the top measuring 36 by 54 inches. $48.50. The jars, of the same material, are $7.25 each, 13 inches high. A 16 inch jar is $14



A simplified practical cast stone bench suitable for a garden terrace is shown in the picture below. Prices $ 2.50 per cubic foot length





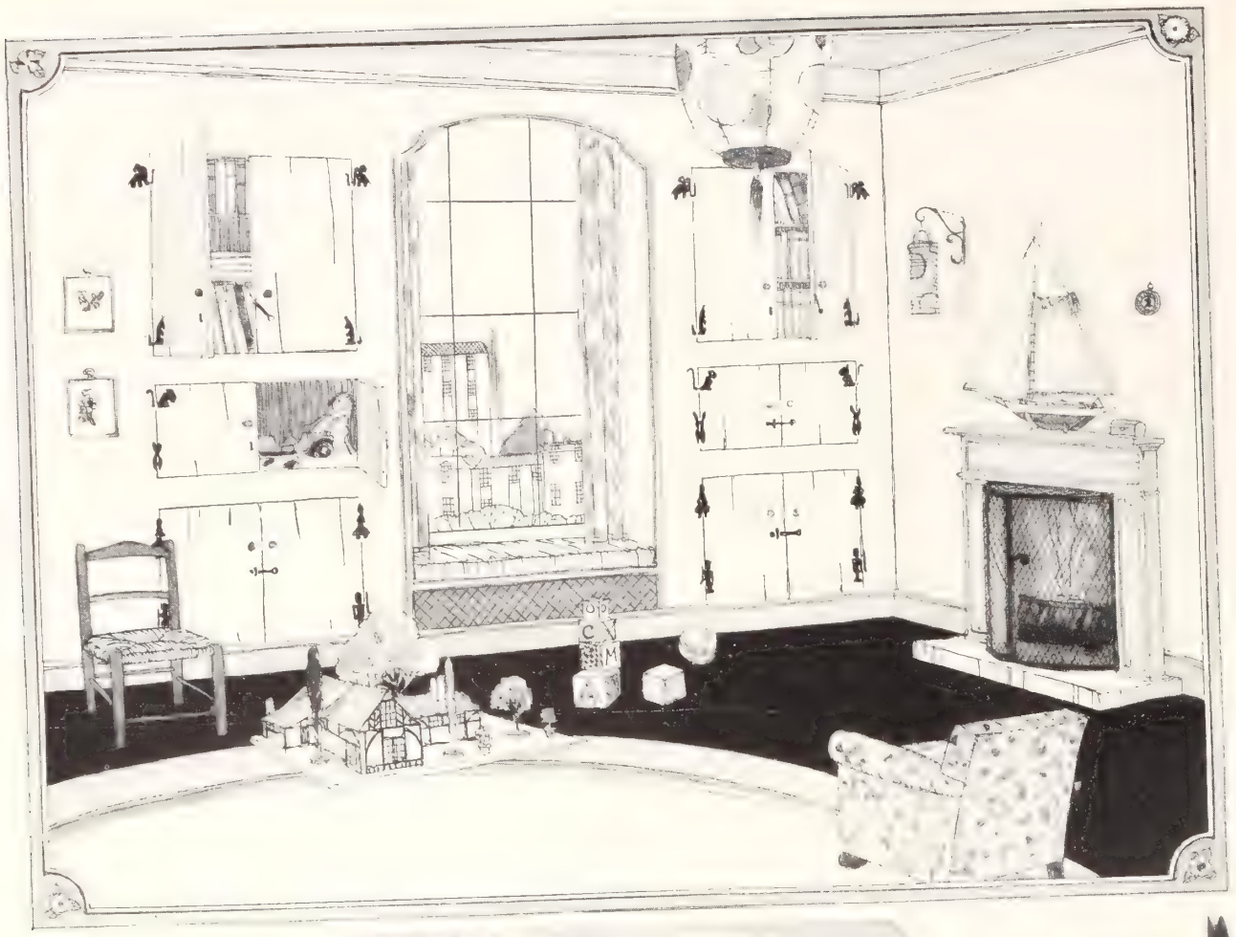
The graceful garden chair shown at the left is of iron enameled white, green, or bronze. A flat seat pad [illegible] $4.75



Above. This interesting garden chair is of iron with a rush seat. It may be had in antique finish or painted green. Arm chair $50.50. Side chair $42.50

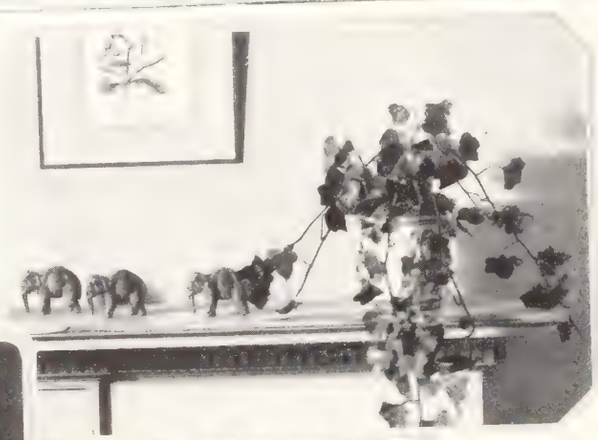
Price, [illegible] top and pedestal for flower pot, 26 inches high, top 24 inches in diameter, $35.50. Iron and cane arm chair, $60.50. Seat pad of colored oil cloth $6.75

IRON AND STONE FURNITURE



Right. Blue-stripe wood elephants, 4 to a table, $2.25 a pair. White pottery flower pots with clay colored rims, 85¢

Below. Small arm seat with rush seat, $11. A sidechair, $12, painted any color. Seat 17 inches from the floor

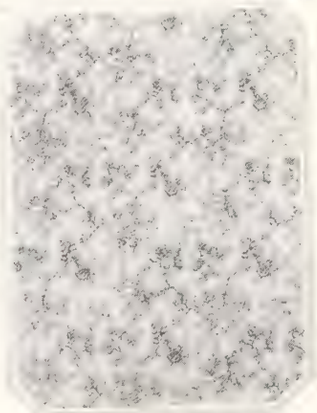


Right and above. Wrought iron hinges in the shape of an elephant, cat, monkey, ostrich or puppy are $6.25 the pair. 8 inches high



The small rocking chair below is a copy of an English farm house chair. Mahogany with a rush seat. $27.50

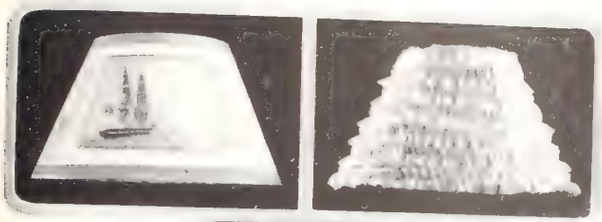




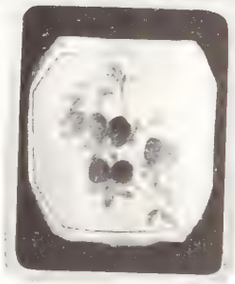
A practical wall covering for a nursery has a glazed surface that may be washed. The chintz design above is in yellow, peach and green on a white ground. $6.25 for a roll of 12 yards



FURNISHINGS FOR A CHILD'S ROOM



For a boy's room comes a parchment lamp shade decorated with an old ship print. 12 inches at lower edge, $8.25



This parchment shield has a decorative colored flower print on the front. 4½ x 5½ [illegible]

The lamp shade above is made of [illegible] organdie ruffles in any color. [illegible] in. at lower edge, $10.50



The butterfly table in the group above is [illegible] inches high and 20 x [illegible] inches open. Unfinished it is $15.50. Painted any color with stripings in a contrasting shade, $25.50. The small Governor Bradford arm chair is $7.75 unfinished, $[illegible] painted. Seat 12½ inches from floor. The colored tiles in the fireplace are 6 inches square, [illegible] each



The white pottery doves above might be [illegible] a painted bird's room. 7½ inches high, $[illegible] a pair



[illegible] have it painted all [illegible] for a child's room. It [illegible] the top measures [illegible] unfinished. Painted any color with contrasting lines, $49.50. The straight chair beside it is average size, made of birch, with a rush seat. Enameled any color, [illegible]





Tables [illegible] flower or animal designs in bright colors are attractive set into the tops of tables. 6 inches square, $4.25 each



Brilliantly colored prints by Guy Arnoux of scenes suitable for a child's room are $3.75 each unframed. 12 x [illegible] inches

The Delia Robbia [illegible] plaque above has a Madonna blue background and colorful fruit and [illegible] leaves, $[illegible]

The GARDENER'S CALENDAR *for* JUNE

This Calendar of the gardener's labors is planned as a reminder for all his tasks in season. It is fitted to the Middle States, but should be available for the whole country if for every one-hundred miles north or south there be made a difference of from five to seven days later or earlier in operations. The dates given are for an average season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDA
gardens bright with sinuous rills COLERIDGE	1 Chrysanthemum cuttings if rooted now will make big plants and when budded out will make stems with good sized flowers.	2 Lettuce will frequently run to seed at this season. Boards or other covering material placed over the plants will reduce the loss.	3 Thinning should be done when plants are small and before the roots are interlocked, or numerous desirable plants will be removed.	4 A top dressing applied to the lawn now will encourage root action that will help the grass to resist the dry weather sure to come later.	5 Tomatoes, cucumbers and melons, as well as other garden products subject to blight, should be sprayed bi-weekly with Bordeaux mixture.	6 Now is the ti to stop using paragus, as there other vegetabl available. Keep dusted during t summer with a bo poison.
7 It is good practice to pinch the tips of the budding plants frequently. This will cause them to develop more quickly and in better form.	8 If they are finished flowering, the early spring shrubs such as forsythia, deutzia, etc., should be pruned now so that no flowers will be sacrificed.	9 Before applying a mulch to the strawberries to protect the fruit from dirt it is good to give them an application of strong liquid food.	10 Do not neglect to work the garden soil deeply and often. This not only keeps the weeds in check but preserves the soil moisture.	11 Carnations for planting in greenhouses for bloom next winter should be sprayed with Bordeaux mixture if there is any rust.	12 Tall flowers should be supported with stakes before any damage is done by storms and heavy winds.	13 All the hoe cutting shou be done now. F quent trimming is quired in order avoid making a nu ber of unsightly sca
14 Annuals and vegetables should be plunged in beds out of doors, where they can be well provided with water.	15 Do not neglect to spray the fruit trees when they are in flower, using thoroughly a combination of Bordeaux mixture and arsenate of lead.	16 Fruit trees at the producing stage should be sprayed regularly with Bordeaux mixture to protect the fruit from the parasites and fungi.	17 Care should be taken with all newly planted hardy stock that it receive a thorough soaking and other sprinkling.	18 The training of roses should be looked over carefully and any heavy, robust new growth should be tied into proper position.	19 Sow now kale, Brussels sprouts, cabbage, celery and cauliflower. When large enough to handle these should be transplanted and set about 1" apart.	20 If plants are fested with ap spray them for th successive eveni with a reliable bacco solution.
21 Plants that bloom throughout the entire season should be top-dressed occasionally with some good fertilizer containing lime.	22 It is a good plan to go over the tomato plants, reducing the quantity of unproductive vines and supporting those left to carry the crop.	23 Spray the potatoes with arsenate of lead at the first appearance of the potato beetle. Hill them when they are in flower.	24 Onion maggots are very destructive at this season. It is good to top dress the soil thoroughly with soot to keep them in check.	25 Soak the soil thoroughly when it is necessary to resort to watering. Evenings or early mornings are best for this work.	26 Look out for rose bugs. Go over the plants each day with a can of kerosene, shaking the flowers and causing the insects to fall into the kerosene.	27 The trees sho be gone o carefully now, ducing the qu tity of the fruit about one-half. L ger and better f will be the result
28 Corn, beans and cucumbers should be sown twice this month. Intercropping may be resorted to in many cases to increase the yield.	29 Be sure to keep the lima beans and peas properly supported; the peas by staking and the limas by tying in to their poles.	30 Scatter a mild fertilizer on the ground around the stems of potatoes, celery, tomatoes, etc, working it well into the soil with a hoe.				

There is sweet music here that softer falls
Than petals from blown roses on the grass,
Or night-dews on still waters between walls
Of shadowy granite, in a gleaming pass. . . .
TENNYSON



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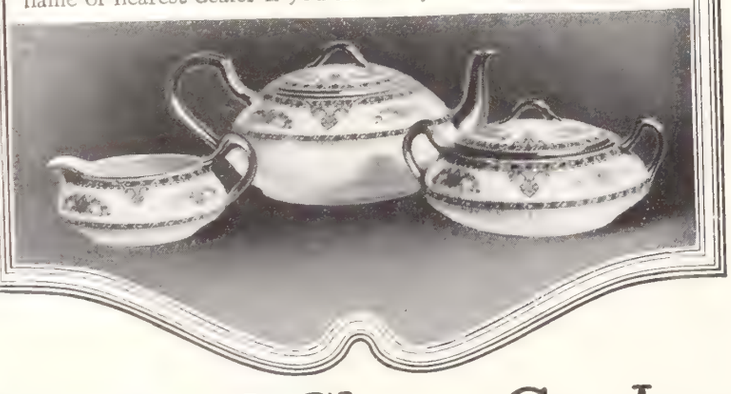
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IRISH AND AMERICAN BELLEEK

(*Continued from page 73*)

produced a Parian body and had brought forth a biscuit of extreme thinness and beauty. Goss had already achieved fine things of this genre when McBirney was experimenting at Belleek. Undoubtedly the advent as manager of the Belleek works of William Bromley Sr., who, Barber tells us, was one time in Goss's employ, brought to Belleek a wealth of practical knowledge that soon made it possible for the Irish pottery to place upon the market the ware which has made Belleek famous. The characteristic iridescent Belleek glaze was obtained from salts of bismuth colored with metallic oxides, and washes of this gave to Belleek porcelain when fired its nacreous effect, although some of the pieces used the iridescent glaze sparingly and others not at all.

THE MARINE INSPIRATION

In form the designs of the earlier Belleek pieces were mainly after marine objects: shells, corals, marine plants, hippocampi, dolphins, and then there were mermaids, Tritons, hippographs, water-nymphs and all the paraphernalia of marine mythology. Thus the artist-potters of Belleek sought to emphasize Ireland's insular entity by utilizing for decorative purposes motifs suggesting the sea around her. The Empress of Germany once presented Queen Victoria with a grounds bowl of Belleek porcelain, the design being based on the Echinus (Sea-urchin) and the Coral Branch, both of which natural objects abound on the Donegal coast. In reproducing these natural forms, the Belleek potters were, in a way, but following the example of the 16th Century French potter, Bernard Palissy, who decorated his faience with natural forms moulded in relief. However, it has been said that the Belleek factory was the first to turn to the sub-kingdom of the Radiata for motifs in porcelain decoration,—star-fish, sea-urchins and the like, the wheel-shaped symmetry of which *frutti di mare* seemed particularly to have attracted the Irish potters. The Hippogriff Belleek vase here reproduced, through the courtesy of the Pennsylvania Museum although not an early piece, is probably from the old moulds, since these continued to be used and are, I believe, still in use in the present-day Irish Belleek productions.

On the other hand, the very beautiful Bamboo-stem design teapot in the collection of Mrs. J. E. Cass of Eau Claire, Wisconsin, is an early piece, and one which shows the departure from the more usual marine subjects. In this the nacreous corn-colored glaze is sparingly used at the base and at the top of the bamboo sections, tip-washings of the nacreous colored glaze alternating with creamy glaze of the rest of the piece. The bottom is unglazed. The fragility of such pieces accounts for the fact that none too many of them has survived. Our most important American museums contain no examples of early Irish Belleek, although the collector of old china stands a good chance of picking up good pieces of Belleek here and there.

The work at the factory in Ireland was closed in the 80s for a time, being resumed later. During the World Wa the works again suspended, but now have taken up again the manufactur of this interesting ware whose beauty won for it medallic honors at Dubli in 1865, at Melbourne in 1880, a Adelaide in 1887 and again at Paris i 1900. The present day products ar exquisite and one can well imagin how they will be regarded even a hal century hence.

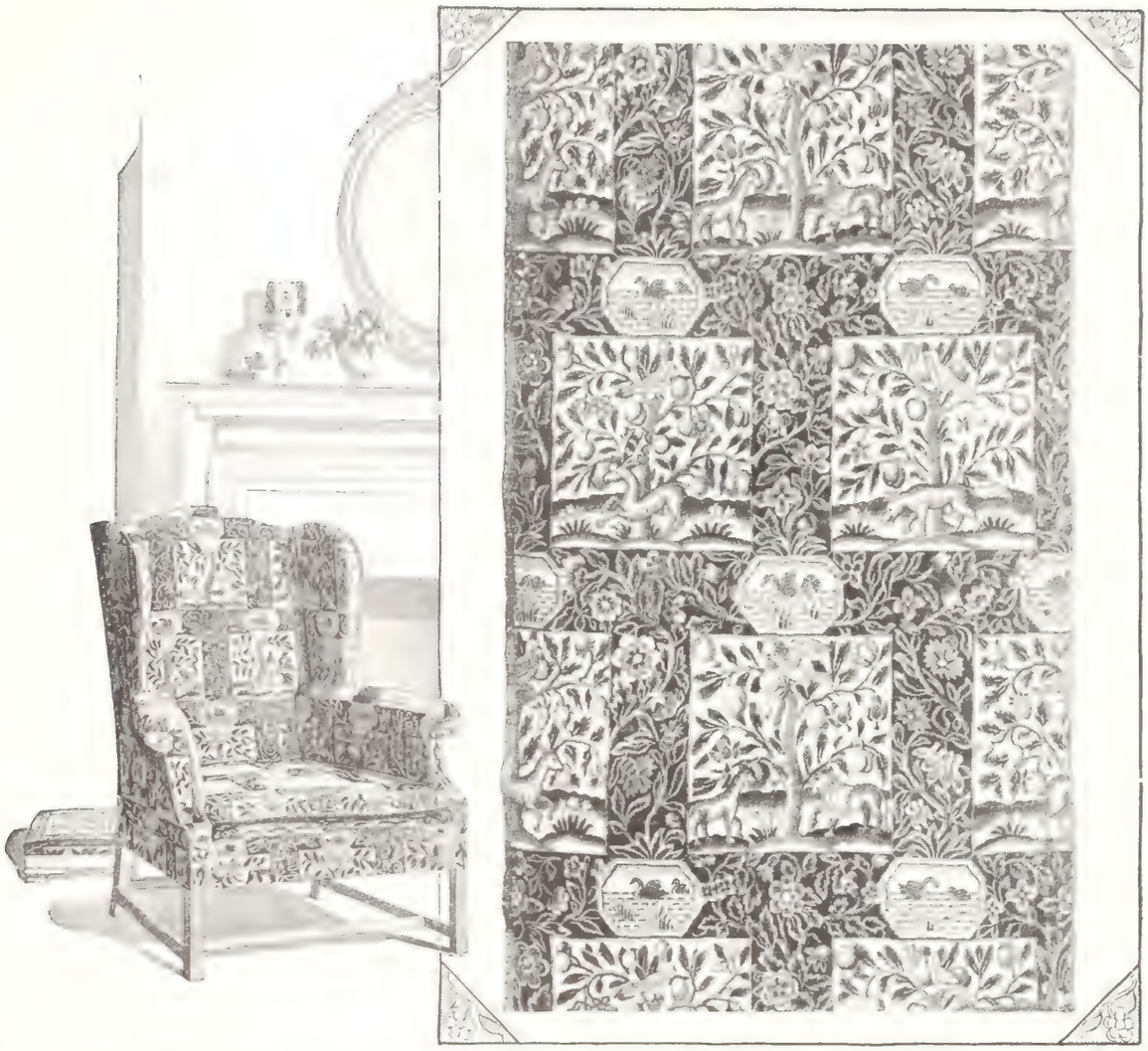
To the inspiration of this beautifu Irish porcelain of Belleek, America keramic production owes much. It le American potters to attempts to pr duce an eggshell porcelain. The were not at first successful. Willia Bromley Jr., son of the manager o the Irish Belleek works, having con to America made further experimen in company with John Hart Brewer o Ott & Brewer of Trenton, New Jerse The partial success of these led him suggest, after McBirney's death, th the elder Bromley be sent for. Th was done and William Bromley S arrived in America and entered t employ of Ott & Brewer. Bromley S appears to have brought over wi him several workmen from the Belle pottery. These may have been t same workmen who were taken Bromley to Belleek from Stoke-o Trent when he severed his connect there with Goss. At any rate, it w not long before Ott & Brewer w turning out an American "Belle porcelain of great beauty and delic of texture, and one of extreme lig ness in weight. This pottery produ a set of full-sized cups and sauc twenty-four pieces in all, which, gether, were just one pound in weig or about two-thirds of an ounce weight each. The earliest piece American "Belleek" is still in istence, owned by Lenox Inc. of Tr ton and bears the inscription fr Bromley to Walter Scott Lenox, follows: "W. B. 1887 W. S. L."

After Ott & Brewer had perfec their "Belleek" the senior Brom entered the employ of the Wil Manufacturing Company. In t pottery he aided in the developmen their white eggshell porcelain. M of the Willets pieces followed the I Belleek forms. In the Pennsylva Museum collection is a Willets "B leek" vase with a decoration of w roses in high relief.

AN AMERICAN VENTURE

At the time of Bromley's lea the Ott & Brewer works, Jonat Coxon Sr. became superintendent t and Walter Scott Lenox had charg the decorating department. Both were greatly interested in the deve ment of an American porcelain of Belleek genre. Later they became ficers in the Ceramic Art Comp Trenton and produced a white shell porcelain particularly adapte the use of keramic decorators. In Lenox acquired Coxon's interest i works and conducted the pottery for some ten years. In 1906 the became Lenox Inc. and the pc succeeded after many experimer producing the exquisitely bea

(*Continued on page 104*)



A modern tapestry with the naive charm of the XIV century

Two Old Designs skilfully combined create this Tapestry

GOING back to Gothic sources and borrowing two of their motifs—the nal figures and the floriated or mille rs background—this tapestry has cap- ed the charm of those XIV Century webs.

Here the birds and animals that were t to disport themselves in Gothic tapes- s are enclosed in a series of squares and ome the main theme.

These are the beasts of that naïve XIV tury—an age delighting in legendary where animal folk rather than human- l were the centre of interest.

Woven into this tapestry we first see the g of the beasts advancing with meas- l step. Then, under a tree, a deer nbols in celebration of an escape from arrows of some pursuing Robin Hood. The trio of little incidents is completed



by a prowling wolf on his way to keep some grim tryst with a shepherd's flock, while the little waterfowl in small medallions link together the larger squares and their animal folk tales. The Gothic mille fleurs [illegible] as a subdued running accompaniment to this anecdotal main theme.

Because of its dual design, the colors of this tapestry are in low key—quiet brown, green and red that satisfy but do not distract the interest from the design itself. As furniture covering, the soft and mellow tones are admirably suited to hall, library or living room. Its pictorial and decorative interest make this tapestry equally suitable for a screen or wall panel.

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SCULPTURE IN THE GARDEN

(*Continued from page* 104)

pret the mood of the garden. Youth in quiet pose lends a restful mood to gardens, especially welcome to shady gardens, or gardens of soft color, or gardens of tender green. There may be a kneeling girl holding a birdbowl, a young woman with sundial globe poised upon her shoulder, a maiden stopping a moment in the dance to examine her naked foot. Sometimes this quiet mood becomes the mood of reverence, appropriate for gardens of austere beauty, of solemn green, of wondrous foliage. This spirit of worship may be represented by the kneeling prayerful figure of a boy or by a young man standing in ecstatic stillness with eyes raised heavenward.

Youth in action is stimulating to some gardens. Here, the athlete poised ready for the jump, the diving youth, the breathless runner gives exhilaration to the garden. Here, the dance, too, has had its thrilling influence. Its movement is caught in plastic form. There is the leaping dancer, the dancer with flying scarf or garlanded vine, the dancer caught poised on tip-toe or in the full abandon of the quickening measure. It is the lyric mood of these figures, whether at rest or in action that is exquisitely appropriate in association with flowers. It is their rhythmic beauty that expresses the poetic grace of gardens. The statue is there to take up the garden theme and carry it to its greatest perfection.

Mention might be made, if only parenthetically, to the fantastic or grotesque in garden art. The mythical dragon with heavy body, clawed feet and short wings, uncouth as a dinosaur, an impossible animal unseen on land or in the air, is less grotesque than some of our actual fauna shown in frolicking monkey or in pelican, in struggling goose or squatting frog or neck-stretching penguin that are represented in minor roles in gardens as mere jesters.

But, what has become of Neptun and his company? Here is a chang in sculpture that is most significan for the fountain figure is the mo important statue in garden art. I stead of the classical reference to t sea's presiding deity with his triton and nereids, dolphins and sea-horse the modern sculptor seeks to expre the very spirit of the water. T "Crest of the Wave" is a mode water nymph engulfed in a wa where great fishes leap. She expres her association with the sea not b tail or scaly body but by her ve pose, and her sea-tossed hair requir no seaweed tresses. The sculptor wh understands water and has caught i underlying meaning symbolizes n only the wave but tide and billow foam and rising mists in figures fo pools and fountains. He is conscious too, of the beauty of water's reflec tion. He shows the girlish figur playfully delighted at its mirrore self, or the child kneeling at th water's edge full of curiosity at it double, or the placid woman full o calm repose. Thirst-quenching wate is shown by the girl drinking fro a shell, by a boy pouring water fro a jug, by a girl catching water in pitcher, by a boy drinking from th dripping water spout. And, ther the sculptor expresses the emotiona effect of water. Falling downward water typifies for him languor, rest fulness, quiet. This he may expres by drooping figures, or figures dab bling idly in the water. Spouting up ward, water expresses for him joy an mirth, playfulness and buoyant glad ness, laughter and boisterous sport This mood is embodied in figure leaping skyward one above the other by figures splashing water at one an other, by figures twirling round an round in play, by figures joining hands in the dance. In such foun tain figures, the sculptor interprets not only the spirit of water but th joy-giving quality of gardens.

SOME LIGHT *on the* SHADE PROBLEM

(*Continued from page* 81)

If when you have found the right colored shade for the exterior effect, you discover that it does not appeal to you as being just the tone effect you want for the inside, the problem is very simple and easily handled. You can do one of two things—order a duplex shade, with the desired color on the outside and a contrasting color on the other; or put up a second shade, of the color wanted. The duplex shade does away with the expense and trouble of handling two shades; but there are many people who find the use of two shades most satisfactory.

In the living room, light-colored shades without much dressing are generally the best choice, as they let in more light during the daytime. For the bedroom, green shades shut out the light more completely, and green is restful to the eyes. The night effect of color in shades is economically as well as decoratively important, in that you can thereby materially reduce your monthly light-bill. Light-colored shades reflect more light than the dark. Rough textures also reflect little light so that the cost of electricity will be less in a room outfitted with smooth light-colored shades.

No matter how beautiful in color and fine in texture the fabric from which it is made—a window shade is only as good as the roller upon which it is mounted. Indeed, the very life of the shade depends upon the roller for a poor roller wrongly placed will do more to wear out a shade than anything else. Be sure to order rollers that are large enough; the shade will last much longer on rollers of ample diameter, because it winds more smoothly, and also because its fabric are not subjected to such sharp bends.

You may be able to select window shade material possessing the best wearing qualities, but remember that no shade is indestructible.

(*Continued on page* 108)



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GIVING THE HOUSE A LIFT

(*Continued from page 108*)

they give out entirely than to be forced to shut down the elevator, awaiting repair parts.

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THE BIRD ON THE ROOF

(*Continued from page 89*)

calfskin law book. The yellow and red Jacobins and Fantails, as interesting as they may be to the enthusiast whose goal is the show ring, are not so effective on the rooftree or in the carriage yard as are the brilliant whites and blacks. Against a white house and on gravel walks black birds are effective, and, indeed, the ordinary pigeon in the right setting only the very dull can fail to appreciate. The court of the Boston Public Library has lost, through its pigeons, a barrenness which its fountain could not dissipate; and a pigeonless St. Mark's would be fully as deplorable as a gondolaless Grand Canal.

The great bulk of fanciers has, however, given very little thought to the decorative possibilities of the pigeon. Indeed, as many of these men keep their pigeons, they are far from being ornamental, for the average pigeon enthusiast conceives of his birds as beautiful only when they conform to some arbitrary standard of perfection, and he keeps them in prison lofts from which they never emerge alive, except to make occasional trips to the show ring.

GROW FOR FLYING

I do not wish to decry the raising of pigeons for the show ring. I wish only to point out that the show ring pigeon is entitled to an opportunity for free open air flight, and that he should not be bred to grotesque helplessness. On the contrary, I share fully the enthusiasm of the more conservative breeders. I too should like a Jacobin with every one of his marvellous feathers so perfect in size and form and color, that he might wrest blue ribbon after blue ribbon from the birds of all of my despairing rivals. No one with more zeal than I would enter that controversy which always rages in the pigeon magazines as to whether the young red hen of Mr. Smith should have been adjudged the best Jacobin in the show, at Madison Square, or whether that honor should have been awarded to Mr. Brown's old white cock.

Primarily, however, my interest is in the flying pigeons, for the flying pigeon enthusiast is a sportsman who rears his birds, not for their external appearance, but for what they can do. His pigeons are the performing Tumblers, (as distinct from show Tumblers which have lost the faculty of tumbling) the Tipplers and the Homers.

Of these the Tumblers are, perhaps, the least interesting, for in them there can be little competition. The performing Tumblers, however, are free. They fly where they will and attract attention by their erratic behaviour in the air. Flying at a height, they suddenly cease to fly, and fall literally tumbling head over heels, until, as suddenly, they have enough of this, and quickly resume normal flight. Whether the tumbler in an abandonment of joy, or whether he suffers a brief lapse and can not for the moment control his wing muscles, is, I think, a matter of some dispute. He is apparently otherwise normal, suggesting the common pigeon, except in flight.

THE AMAZING TIPPLERS

The Tipplers are more interesting. These are small, inconspicuous pigeons, with a general pepper and salt effect as to color, but gifted with amazing power on the wing. The Tippler enthusiast sends a team of his birds into the air where they climb to a great height, and remain there for hours, sailing up and down the sky apparently utterly immune to fatigue. The owner's hope is that they will remain longer in the air than will those of his opponent. One British magazine devotes columns each month to reports of Tippler flying contests where the birds remain in the air in from nine to thirteen hours of continuous flight. American pigeon journals seldom mention Tippler flying, and followers of this sport are apparently rare on this side of the Atlantic, though the birds are to be had of most dealers.

The great majority of the flying pigeon fanciers of America are interested in Homers, and in Homers only. They point with pride to no less a personage than Noah, himself, as the first Homer fancier, and they cite as their latest triumph the regular reports which the pigeons, when every

(*Continued on page 154*)



P©G

Are friends drawn to your home by the music that is there ?

The picture, "Sheridan at the Linleys'," painted by Margaret Dicksee, shows Richard Brinsley Sheridan, author of *The School for Scandal*, at the home of Thomas Linley, the English composer. There, music bade him welcome, and there it was he met Linley's eldest daughter, Elizabeth Anne, a singer, who later became his wife.

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THE GLORY OF THE LILIES

(Continued from page 67)

requisite depth, place the bulb on the upturned base and surround it with silver or grilly river-sand.

Sun-loving Lilies, although the upper part of their stems are fully exposed and their blossoms flaunt in the sun, really require a certain amount of protection from the direct rays in the early stages of their growth. Lilies are not desert plants, and the most sun-loving among them are never found in areas where no other plant grows. True, some of them are denizens of semi-arid regions but they are ever associated with grasses or twiggy shrubs, among and through which their young shoots are upthrust. Some species, like the Regal Lily *(L. regale)*, can withstand much desiccation, but these in a natural state have their foil of herbs and scrub.

Journey in thought with me, for a moment or two, westward until "west" becomes "east" although we still chase the setting sun. Across the American continent, across the wide ocean misnamed Pacific to Shanghai the gate of Far Cathay; onward and westward up the mighty Yangtsze River for eighteen hundred miles, then northward on its tributary the Min, some two hundred and fifty miles to the confines of mysterious Thibet; to that little-known hinterland which separates China proper from the hierarchy of Lhassa; to a wild and mountainous country peopled mainly by strange tribesfolk of unknown origin; to a land where Lamaism, Buddhism and Phallism strive for mastery of men's souls; to a region where mighty empires meet. There in narrow, semi-arid valleys down which thunder torrents, and encompassed by mountains composed of mud-shales and granites, whose peaks are clothed with snow eternal, the Regal Lily has its home. In summer, the heat is terrific, in winter the cold is intense, and at all seasons these valleys are subject to sudden and violent windstorms against which neither man nor beast can make headway. There, in June, by the wayside, in rock-crevices by the torrent's edge, and high up on the mountainside and precipice this Lily, in full bloom, greets the weary wayfarer. Not in twos and threes but in hundreds, in thousands, aye, in tens of thousands its slender stems, each from two t four feet tall, flexible and tense a steel, over-topping the coarse gra and scrub and crowned with one t several large funnel-shaped flowe more or less wine-colored withou pure white and lustrous on the fac clear canary-yellow within the tub and each stamen filament tipped wit a golden anther. The air in the coo of the morning and in the evening laden with delicious perfume exhale from each bloom. For a brief seaso this lonely, semi-desert region is tran formed by this Lily into a veritabl fairyland.

Since we have figuratively, travele so far to see one Lily in its hom surroundings, let us in the same ma ner journey a hundred miles or s farther and to the southwest, and the in valleys and under conditions b little less severe than the precedin and in equal abundance we find Mr Charles S. Sargent's Lily *(L. sargen tiae)* reigning supreme. Westwar some few miles and on the margin o shrubberies at eight thousand fe above sea-level and on the very edg of the Thibetan grasslands grows Mr Bayard Thayer's Lily *(L. thayerae,* On our homeward journey let us paus for a moment in the geographica heart of China, in the region of th famous Yangtsze Gorges, and visit th haunt of the Orange-flowered Specio sum *(L. henryi)*. Inland, a few mil from the riverine city of Ichang, o formation of conglomerate and har limestones, at the edge of woods, an among tall shrubs, we find here a fe and there many of Henry's charmin Lily.

From these distant regions came th bulbs of these Lilies, and I count it great privilege to have been the fo tunate discoverer of two, the intr ducer of three and the medium throug which the fourth *(L. henryi)* first b came common in cultivation. I me tion these four, not for personal re sons, but to direct attention to th conditions under which they gro wild and to emphasize that, thoug capable of withstanding much desicc tion both from the action of sun a

(Continued on page 118)



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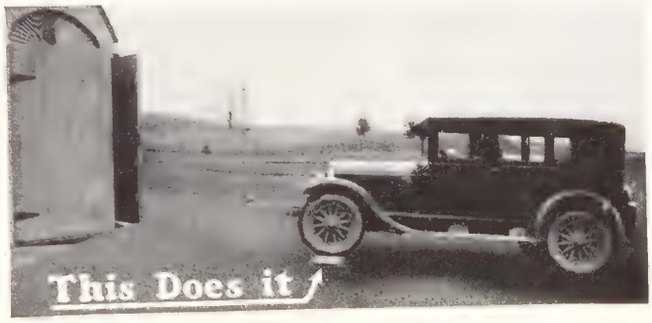
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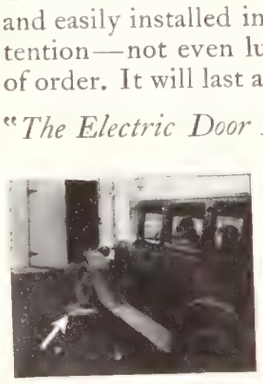
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THE GLORY OF THE LILIES

(Continued from page 116)

frost, they grow naturally among protective herbs and shrubs. These herbs and shrubs afford protection in two ways: in spring they screen from the sun's direct rays the young flower-stem of the Lily after it emerges from mother earth; in the autumn the fallen leaves of the shrubs and the dying stems of the herbs form a protective mulch which as it decays becomes a nourishing food.

Now let us devote a few moments to one of the noblest of all the Lilies —*L. auratum*, the golden-rayed Lily of Japan. How many millions of bulbs of this Lily have been imported; how many thousands of purchasers have been disappointed; how many letters protesting or seeking advice have been penned! The Japanese eat the bulbs of *L. auratum* and several other species, but for its beauty they do not esteem it. Soon after intercourse was established between Japan and western nations, the Japanese discovered that Lily bulbs could be sold for much money, so they began ransacking their country in quest of these bulbs.

WHERE LILIES GROW

In books on Lilies one reads "*Lilium auratum* grows in porous, open soil largely composed of volcanic detritus overlaid by a deep carpet of woodland soil." The first part of this statement is true but the "deep carpet of woodland soil" is pure fiction. In those early days we are told that Yama-yuri, or Mountain Lily *(L. auratum)* grew abundantly in the volcanic ash and detritus which forms the slopes of sacred and sublime Mount Fuji. In Japan there is much poor and hungry soil but none more so than the slopes of august Fuji and the volcanic deposits of the neighborhood. Around Matsushima, a beauty spot in northern Japan, I saw this Lily in quantity growing among coarse gray sandstone. In western Japan I also met with it growing wild on gravelly banks and hillsides among small shrubs and coarse grasses. It is the open, porous soil, and not rich humus that this Lily luxuriates in. Leafsoil it loves in common with all Lilies, but it wants no unaërated acid peat and it loathes raw nitrogenous manures. True, bulbs transferred from their natural haunts to fields and cultivated like Potatoes increase rapidly in size but the constitution of the plant is undermined and it becomes a prey to disease.

For western markets the dealers demand Lily bulbs of certain sizes. After a few years the Japanese discovered that the supply of wild bulbs meeting the necessary requirements was virtually exhausted, but they quickly found that in rich, moist farm land, in one or at most two years, they could grow the small bulbs culled from the mountain slopes and moorlands into large saleable bulbs and, incidentally, that the larger the bulb the higher its market value. Then began in Japan the growing of Lily bulbs for the western markets and there commenced the troubles of would-be cultivators in the Occident of *Lilium auratum*.

There is a minimum size to every kind of Lily bulbs below which it cannot produce strong, flowering stems. This size varies according to the particular species, but in every case a firm, solid bulb of moderate size will be found more healthy and will give results more satisfactory than a large, loose, and flabby bulb. Purchasers who make mere size their standard of value often defeat the object they have at heart. I examined some bulbs of the wild *L. auratum* and found them only about a couple of inches in diameter though they bore heads of from three to six flowers but they were absolutely free of any sign of disease.

This brief sketch of the conditions under which certain Lilies grow will sets forth certain facts of cultural importance. In the first place, Lilies should be planted among Ferns, or dwarf shrubs such, for example, as Lavender, wild Roses, Deutzias, Indigoferas, Comptonia, Vacciniums, Erica Heather, Azaleas, dwarf Rhododendrons, and, where climate admits, shrubby Veronicas and Olearias.

Planting Lilies among shrubs is no new idea; twenty-five years or more ago it came into vogue. Some one achieved great success through planting Lilies among Rhododendrons and the cry went forth that this was the solution of the Lily grower's trouble. It is quite true that a number of species like *L. pardalinum*, *L. superbum*, *L. speciosum*, *L. hansonii* (and I have also seen *L. auratum)* do well under such conditions. Also it is true that Rhododendrons require peat and here is the rub. All Lilies love leafsoil but a great many detest peat. I have seen *L. henryi* grow ten feet tall in loam and leafsoil and continue to thrive for many years.

I have seen this Lily disappear completely in two seasons when planted in pure peat. Plant Lilies among shrubs, but let the class of shrubs depend upon whether the particular species of Lily loves loam or humus. For my own part I would keep away from peat except for swamp Lilies and use fibrous loam, sand, and leafsoil, the latter in increasing proportions as the species that grow naturally in fairly open country, thickets or woods.

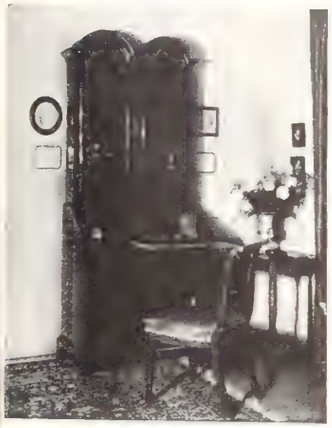
THE IMPORTANCE OF MULCHING

Another and very obvious deduction is the importance of mulching. In every garden much ground is bare of vegetation and fully exposed to the sun and elements. In spring, as the frost disappears, an inspection will show that this ground is fissured and furrowed in many directions and any kind of bulb which had been planted in such bare soil is often more or less exposed. This may be avoided and much benefit bestowed on all bulbs by covering them in autumn with a mulch of rotted leaves or exhausted manure.

Strictly speaking a bulb is a bud just as much so as the winterbud of Hickory or Buckeye, but with this difference: its scales are fleshy stores houses of starch and other food and serves instead of merely thin, dry protective scales, and roots are emitted from the base. These basal roots

(Continued on page 124)

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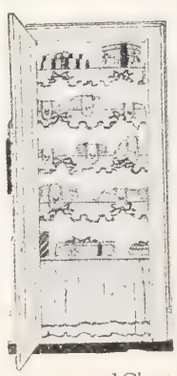
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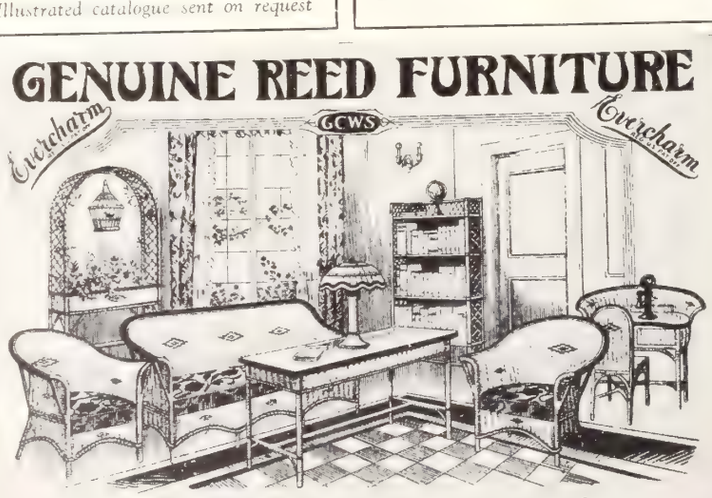
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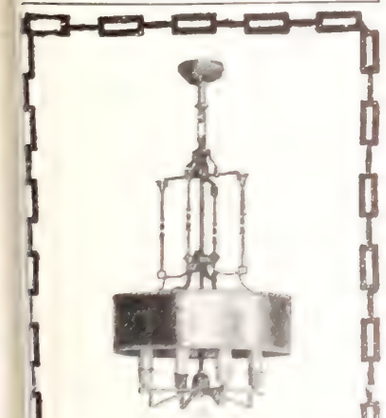
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THE GLORY OF THE LILIES

(*Continued from page 118*)

chor the bulb and supply it with water and certain food-salts. If we examine Lilies like *L. henryi*, *L. auratum*, and *L. regale* we find that the underground part of the flowering stem bears masses of roots. These help to feed the growing stem and prevent undue exhaustion of the bulb. After flowering, this root system assists in the rehabilitation of the bulb. Roots emitted from the stem above the ground quickly perish. An appreciation of these facts shows the necessity of deep planting. The bulbs of all stem-rooting Lilies (and the majority are such) should be planted twice their own depth down. That is to say, a bulb three inches high should have six inches of soil covering it and so on in proportion. The importance of deep planting is not sufficiently understood but go and dig up a few Lily bulbs from their native haunts and it will be found they are usually deeper down than twice their height.

The majority of Lilies are at rest, or nearly so, during the winter months but all kinds benefit from planting as early in the fall as is possible. The Madonna Lily *(L. candidum)* is an exception in several ways. In the first place, it resents moving. When this has to be done it should be undertaken not later than six weeks after flowering as the resting period of this Lily is unusually short. Again, it should be noted that this Lily has a mass of broad basal leaves independent of the flowering stems and it is these leaves with the assistance of the roots that build up the bulb. This Lily should have the top of its bulb only just covered with soil. It prefers rather stiff loam in a situation fully exposed to the sun but it will grow in dry and hungry limestone soils.

Since Lilies inhabit the waste places of the northern Hemisphere it is obvious that they are unaccustomed to rich food. For this reason even stable manure should not be used in their culture and artificial fertilizers are absolutely inimical. All Lilies grow naturally in places where each autumn they receive a mulch of fallen leaves. Leafsoil and not manure is the requisite essential. Nearly all grow in well-drained situations and good drainage is absolutely necessary to ensure success. Lilies of the swamp, woodland and alpine meadow are with rare exceptions difficult to cultivate. Those which grow among shrubs and herbs more or less exposed to the sun are less exacting and in this class is found the majority of the sorts amenable to cultivation in ordinary gardens.

It is not possible to lay down any hard and fast rules, but good sound bulbs and a commonsense attention to a few elementary details are the essentials. Several kinds of Lilies present no more difficulties under cultivation than do Gladioli, Narcissi or Tulips; nevertheless, in most gardens to maintain Lilies in good health new soil or removal to a new site is necessary every few years.

The following twenty species are the most hardy and adaptable of Lilies and will thrive and give satisfaction in American gardens generally: *L. amabile*, *L. auratum*, *L. canadense*, *L. candidum*, *L. chalcedonicum*, *L. croceum*, *L. hansonii*, *L. henryi*, *L. martagon*, *L. pardalinum*, *L. regale*, *L. speciosum*, *L. superbum*, *L. tenuifolium*, *L. testaceum*, *L. thayerae*, *L. thunbergianum*, *L. tigrinum*, *L. umbellatum*, *L. willmottiae*.

JUNE PLANTING FOR DECEMBER

(*Continued from page 68*)

been doing it for years."

Pressed for an explanation, "Horace" modestly admitted that the first time he had ever tried to sow Parsnips, he had not opened the drill far enough (the seeds, you know, are very large and light) and his first planting had been a failure. When he discovered this he made another planting, in June, and though his garden friends laughed at him when they heard about it, nevertheless he took good care of them, and in the fall harvested a nice crop of slim smooth roots. These were so much more tender and delicious than the big coarse, heavy shouldered roots they had always bought, that ever since he had made two plantings, each season—a couple of rows in April, for fall use; and several rows more in June, for winter use. These young, smooth roots, incidentally, they found kept perfectly until late into spring, without getting dry and pithy as the fully matured roots did.

Now it just happened that at about that time I was myself experimenting with late planted Potatoes, in the effort to obtain for winter use, something of that melting delicious quality which you get in the first lot of potatoes that you try to dig in time for Fourth of July dinner. I had succeeded, by planting an early variety in June, or early July, and with irrigation to bring them through the heat of August, in getting them just the right size, *and quality*, by the time frost cut down the tops in September. I had noticed that these "green" spuds also kept much more perfectly through the winter and late into spring, than did the fully matured, big ones which one usually gets.

The following year, I planted my first real "winter" vegetable garden. I selected all of the vegetables ordinarily used for storing for winter, and tried to "time" them so that they would reach *im*maturity just in time to be put away in the cellar for fall and winter use.

The results were highly satisfactory, and with the experience of a couple of more years, I was able to work out the table of planting dates which is reproduced in connection with this article.

Now, by using this system of planting specifically for winter use, you

(*Continued on page 126*)

"Treasure" Solid Silver

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DECKED in frosted beauty, the exquisite William and Mary pattern in Treasure Solid Silver plays in elegant grace and contrast with the sun, with snowy linen and with summer's gaily-colored flowers. The smart world, all astir with bright June weddings, finds in the William and Mary Treasure pattern worthy gifts in a complete line of both flat and hollow ware. Here you see gifts that range from the few dollars of affection expressed in one spoon, to the devotion that feels itself only partly expressed at a thousand times more cost.

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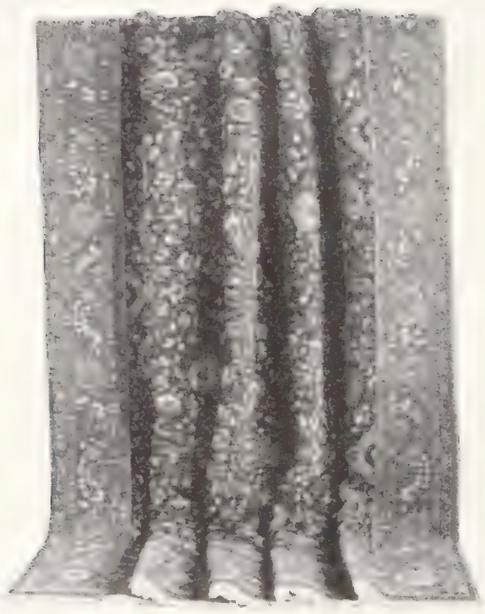
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A late crop of Lettuce can be set out between Celery and Pole Beans, giving plenty of salad for the autumn table

JUNE PLANTING FOR DECEMBER

(*Continued from page* 124)

will not, with most things, get as big a yield to the running foot of row as you will from vegetables planted early and allowed to make their fall growth. But maximum yield is generally—and should always be—a secondary consideration in the home garden. Both on your plate, and in your pride, supreme quality is the thing that really counts, isn't it?

And looked at from any other angle except that of big yield, the advantages are all in favor of planting a special "winter garden." You will get quality so far superior, that there is no comparison at all. You will not be dependent on chance, for having something "left over" from the summer and fall crops, for winter use, but will be sure of an adequate supply for the purpose. You will have a *very* much wider assortment of vegetables, and that in itself is one of the great desideratums.

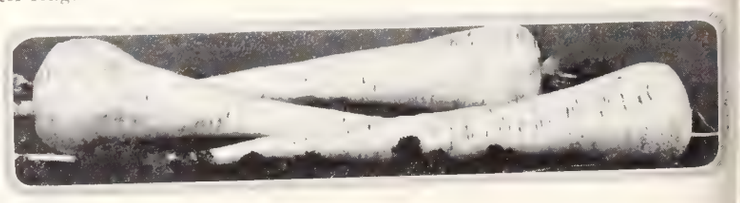
Moreover, this method of planting specifically for winter, is really more economical of garden space, than is the old fashioned "left over" way. For by this method, instead of occupying the same space for weeks with such crops as Beets or Carrots, trying to save the "surplus" of the crop for winter use, and giving the weeds an ideal opportunity to steal a march on you and mature seed, to plague you the following year, you simply take your early plantings out clean, and use the ground for another crop. Then you make a generous-sized, very late planting of Beets, and another of Carrots, that will reach just a nice edible size by the time hard freezing may be expected. Then you will have delicious little Carrots, with no hard cores, and meltingly tender Beets, with no hard fibres running through them, all winter and spring—almost like having a fresh green garden all winter long.

With all root crops the tremendous difference in quality between the young half-grown roots, and those which are fully matured, is due to the fact that they are biennials, and the function of the root, the second season, is to throw up a tall, heavy flower-stalk; this must be supported against buffetting winds and heavy rains; and in order that this support may be provided, a decided change takes place in the fleshy root as it reaches maturity, and continues, internally, even after it is harvested. In the case of long tapering roots, such as Parsnips, Salsify, and Carrots, the support takes the form of a tough, strong core; in the case of the more globe-shaped roots, such as Beets and Turnips, a system of hard, wirey fibres is developed: in both cases these additions act as a sort of direct root system for supporting the seed-stalk, developing within the root itself. With the Onion, a scientifically placed and proportioned swelling of the walls of the hollow stem of the seed stalk acts as a brace and a re-enforcement. All of which is another very interesting example of the remarkable architecture used by Dame Nature in accomplishing her ends; but she is interested only in seeing to it that seeds are produced, to assure another generation of Parsnips or Rutabagas, and she doesn't give a tinker's dam about the quality of the vegetables your cook puts on the table.

IRRIGATING THE GARDEN

Before taking up the several vegetables which can best be grown for winter use, and giving some of the details covering each, I want to point out, in passing, the great help which a modern irrigation system is in grow-

(*Continued on page* 130)



Tender and True and Student are the two best Parsnips for midsummer planting. Irrigation will aid germination and give fuller and richer crops of them



Suggested wedding gifts of Fostoria: a pair of compotes; a dozen salad plates or sherbet glasses; baked apple bowls. See the new blue, the famous iridescent Fostoria and the new blue and gold decoration. Every piece of Fostoria glassware leaves our factory bearing this brown and white label.

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You can run your U. S. Royal Balloon Cords with just enough air in them to support your car and its load.

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JUNE PLANTING FOR DECEMBER

(*Continued from page 126*)

ing these crops, and making it possible to be sure of getting them in just the right condition, at just the right time, for your "garden" of vegetables for winter.

Several of the irrigation systems now available are so easily installed, and so nearly perfect in their operation, that there is no reason for anyone who has water under moderate pressure available, not profiting by having "home-made rain" on tap. The out-put of the home garden may easily be doubled throughout the season. And the particular advantage of having irrigation, in connection with growing vegetables especially for winter, is that you can get any crop to *germinate* just when you want it to. Of course you can grow your winter vegetables without this modern aid; but you will have to take a chance on dry weather delaying the starting of some of the crops, so that they will not develop to just the size you want by harvesting time.

The "roots" are naturally the most important of the dozen-and-a-half or so vegetables which should be planted for your special winter crops. Most of these will germinate readily in the spring, when the ground is likely to remain cool and moist until after they are well up. In making late or summer plantings, cover them somewhat deeper, *press them firmly into the soil*, and keep the surface from baking hard over them, either by irrigating frequently enough to keep the ground soft, or by gently stirring the surface with a light rake, to keep it loose and fine.

TWO OF THE BEST BEETS

The two Beets which I like best for winter are Detroit Dark Red, and New Half-long. The former is an old-timer, medium early, fine grained, sweet, and very dark in color. The Half-long is rather uncouth in appearance, looking somewhat like a cattle-Beet, but it is of mighty fine quality, which is retained until late into the spring. The "long" Beets are used much more on the other side than they are here, but their good qualities are gradually getting them introduced.

In Carrots, I have for several years grown but one variety, for early, late, and winter: that variety is "Amsterdam Forcing", which is a little smaller, more regular in form, and of finer quality than Half-long type. If you are acquainted only with the larger, coarser-grained varieties, such as the popular Damers, you will find a delightful table surprise in either of the varieties named above—and you can have winter Carrots as toothsome as you have heretofore enjoyed only from the first few pullings in the spring.

Parsnip and Salsify I have already spoken of at some length. For spring planting, there is a little turnip-shaped Parsnip, called Early Short Round, which gives the earliest crop. For winter, I like best Sutton's Tender and True or Student. If your garden soil is not deep enough to grow one of the long varieties without giving sprangled, misshapen roots, plant Early Short Round, or Intermediate. Salsify requires a longer season to mature, and should be put in by June first at the very latest, to get even medium sized roots; but as it does not suffer as much in quality from attaining full size, as do Parsnips or Carrots, it may well be planted a month earlier, or May first.

Turnips and Rutabagas are not appreciated in the average home garden. They are almost always allowed to over-grow, and the coarser varieties, popular because they give farmers and market gardeners big yields, are the ones most usually grown. A small orange-fleshed Turnip, not generally known, but listed by a few American seed houses, is Petrowski. It is extremely early, but, when planted late, also a fine winter keeper. This, and—if you want larger roots—Golden Ball or Amber Globe, will give you a Turnip supply for winter and spring. But, plant late: late July or early August for the last named varieties; ten days later for Petrowski. Of the Rutabagas, Golden Neckless is the finest quality I have ever grown.

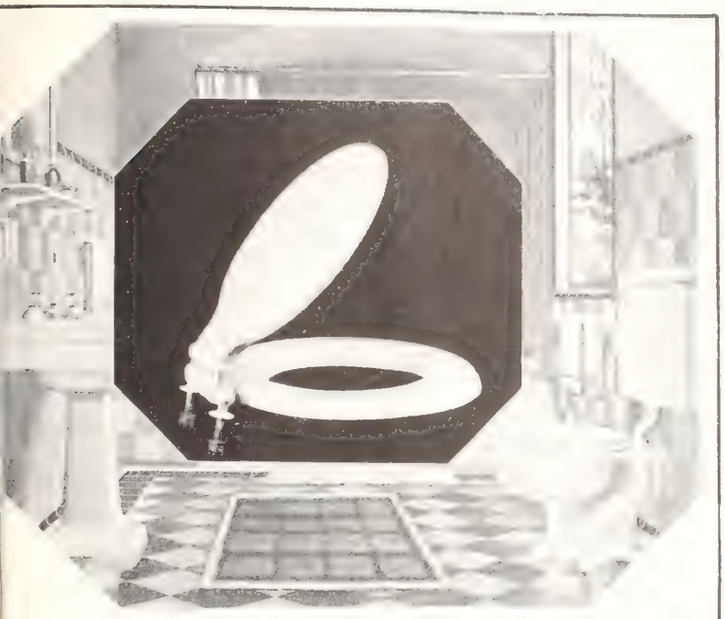
Of the various "fruit" vegetables, the one most generally overlooked for fall and winter use is Beans. In the average home garden, you will find no Bush Beans from mid-summer on, despite the fact that they may easily be had until frost. For several years I have used only two Bush Beans,—Stringless Green-Pod and Stringless White Wax. Both are stringless, or as nearly so as any are; both remain in good condition for eating longer than most other varieties; and planted together, they will give four to six weeks of perfect quality. So I aim to make plantings at least every six weeks, from early May until the middle of August. The last planting may be lost, but it's worth the chance. The biggest planting is made the latter part of July, and this I count on for a supply of small, tender, perfect Beans for canning; and planted at this time, they will be ready when the canning can be done in cool weather!

The preceding paragraph concerning Beans applies almost verbatim to Corn, if the names of the varieties be changed to Golden Bantam and Golden Giant; and the time of the last planting, to July 15th, when Bantam only is planted.

With Peas it is a little different, as they cannot be grown to advantage during the heat of July and early August. But a late planting made during the last half of July, will often give a fine fall crop. Gradus,—or still better, Sutton's World's Record, which is dwarfer and a bit earlier than Gradus, and which is now listed by several American houses—is the best variety to plant for this crop.

Time and again, in my own garden and in others, I have seen the Tomato crop come to an end two to six weeks before frost would have killed the vines. It is an easy matter to insure against this, either by making a later planting, or by sowing some seed at the time of the first setting of plants. I have often taken cuttings, or "slips" of the bearing plants, and rooted them in the soil near the old plants. Started this way in June or July, they can be

(*Continued on page 132*)



Seat shown is No. 142

See your bathroom through guests' eyes

DID you ever look at your bathroom—particularly the toilet seat—through your guests' eyes? Familiarity often blinds us to uninviting details, but if the toilet seat is old and worn, your guests will quickly notice it, just as you would in someone else's home. You owe it to yourself to remedy this condition if it exists.

Thousands now have nicer bathrooms

THOUSANDS of people who have always wanted nicer bathrooms have found that they can easily have them, not by making the bathroom all over, but simply by installing a new Church, all-white toilet seat.

The difference a spotlessly white toilet seat makes in the looks of the whole bathroom is certainly a pleasant surprise. Some people say: "Looks hundred percent better;" some, "Looks dozen times better;" and others, "Now we are proud to have guests go into our bathroom."

Church Seats fit any bowl; installed in a few minutes

CHURCH Seats fit any bowl and can be installed easily in a few minutes; so easily that you can install one yourself, although any plumber will be glad to install it for you at a small cost. If you move to another house or another apartment, the seat is easily taken with you.

The handsome white surface of Church Seats is a smooth, ivory-like sheathing, which won't wear off as paint is apt to do, and it won't crack, split, discolor, absorb moisture or retain odors. It is as easy to clean as porcelain and is perfectly sanitary. It is above the criticism of any guest.

Send for interesting sample of sani-white sheathing and circular describing most popular models of Church Seats. Cut the coupon now and send it today.

C. F. CHURCH MANUFACTURING CO.
Dept. A 3, Orange Street, Holyoke, Mass.
Established 1898

Church Seats
sani-white

Mail this coupon today

C. F. CHURCH MFG. CO., DEPT. A 3, ORANGE ST., HOLYOKE, MASS.
Gentlemen: Please send [illegible] circular to:
Name (Please [illegible])
Street
City



Your Guest is Used to Shower Bathing—

Will your home offer him this same shower convenience?

TODAY a bathroom *looks* and *is* incomplete without a shower. To anyone used to shower bathing this incompleteness is very noticeable.

Showers are really not expensive. There are SPEAKMAN Showers to fit every income. They can be installed without inconveniencing you and without fuss or bother.



H-2370

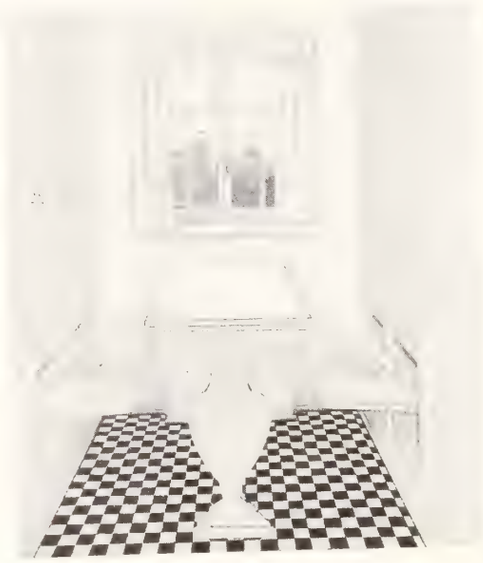
Known as the ideal installation of shower over the tub. The shower is the H-2372 Mixometer type and the bath is the H-2460.

Have your plumber show you his SPEAKMAN Shower catalog. Select your shower from it. Remember that SPEAKMAN Showers are made by a concern that has been identified with the plumbing industry for nearly 60 years—one-half of this time specializing on showers. Tell us if you wish us to send shower literature. It will be forwarded promptly.

SPEAKMAN COMPANY
WILMINGTON, DELAWARE

SPEAKMAN SHOWERS
AND FIXTURES

KITCHEN MAID
STANDARD KITCHEN UNITS



Unfolds Before Your Eyes!

In an instant, you can drop these comfortable seats out of their niches in the walls—lift out this handsome sturdy table from its wall case—and presto! An attractive breakfast or luncheon alcove! Yet, between meals, these Kitchen Maid units are out of sight and out of the way—you can use your alcove for other uses during the day. Or, from above one of the seats, let down a "disappearing ironing board."

You need not wait till you build a new home to have the convenience of a Pulmanook—the table and two seats may be used in any corner of any kitchen. See the wonderful advantages of other Kitchen Maid units also. Send the whole coupon below for complete, new, attractive catalog, free.

WASMUTH-ENDICOTT COMPANY
1260 Snowden Street, Andrews, Indiana
In Canada, Waterloo, Ontario

Please send me information regarding the units checked:

- ☐ PULMANOOK, consisting of table and 1 seats folding into wall. For alcove ⌴; for any kitchen corner ⌵.
- ☐ COMBINATION 210-X, with refrigerator, consisting of cabinet, broom closet, dish closet, and linen cupboards to set against wall.
- ☐ IN-A-WALL IRONING BOARD, folding into wall when not in use.
- ☐ BROOM CLOSET, to set in any kitchen □; to be built into wall □.
- ☐ DISH CLOSETS, LINEN CUPBOARDS, to be set in □; to be built in ⌵.
- ☐ IN-A-WALL TELEPHONE SEAT.
- ☐ KITCHEN MAID KITCHEN CABINET.
- ☐ DIVIDER CUPBOARDS, to be used to separate breakfast room from kitchen.
- ☐ REFRIGERATOR.

Name .....
Address .....
City ..... State .....

"Let the Kitchen Maid be your Kitchen Aid"

KITCHEN MAID
STANDARD UNIT SYSTEMS

REPRESENTATIVES IN ALL PRINCIPAL CITIES

JUNE PLANTING FOR DECEMBER

(*Continued from page* 130)

trained up and pruned and will come into good bearing when the old plants are playing out. For early winter use, the entire plant may be taken up, pruning the tops back to fruit, and hung up in the cellar, where the fruits will continue to ripen for some weeks.

The use of Cabbage for winter is too well known to need comment here; but comparatively few people know the superior quality of the Savoy or wrinkled types. Try some Drumhead Savoy this year. Brussels Sprouts for late fall use are not planted nearly so generally as they should be, for few people seem to realize that they can be *left in the garden*, to be gath ered as wanted, until Christmas o even later; as may also Kale, whic except in the coldest climates, may b gathered throughout the winter.

Last, but by no means least, com the "winter salad" — Witloof, French Endive. This splendid veg table, which should be much mo widely known, is sown in April May, the tops being cut off and t Parsnip-like roots harvested late the fall. The roots may be easil "forced", in any ordinary cellar, a winter long, the blanched top leav making a most delicious salad.

PLANTING TABLE

Vegetable	No. Days to Mature	Varieties Recommended	Make Last Planting	Method Saving
Root Crops				
Beets	60– 80	Detroit Dark Red New Half Long	Jun. 15–Jul. 15	Store in soil.
Carrots	70– 90	Amsterdam Forcing Half-long Nantes	Jun. 1–Jul. 1	Store in soil.
Parsnip	125–150	Tender and True Student	May 15–Jun. 10	Store in soil.
Salsify	150–175	Sandwich Island	May 15–Jun. 1	Leave outsi
Turnips	60– 80	Petrowski Golden Ball (Amber Globe)	Jun. 15–Jul. 15	Store
Rutabaga	70– 90	Golden Neckless	Jun. 15–Jul. 4	Store
Radish	25– 50	Crimson Giant Icicle (White) Rose China	Jul. 15–Aug. 15	Store in san
Fruit and Seeds				
Beans	45– 65	Stringless Green Pod Stringless White Wax	Jul. 1–Jul. 15	Can
Corn	60– 80	Golden Bantam Golden Giant	Jun. 15–Jul. 4	Can
Egg-plant	50– 75	Black Beauty	Jun. 1–Jun. 15	Wrap & Sto
Peas	50– 75	Gradus World's Record Laxtonian	Jul. 15–Aug. 1	Can
Tomato	40– 60	Stone Matchless	Jun. 15–Jul. 1	Wrap & Sto
Squash (bush	60– 80	Delicata Ford Hook Bush Cocozelle Bush	Jun. 15–Jul. 4	Store in wa place
Leaf Crops				
Cabbage (seed)	90–130	Copenhagen Market Danish Drumhead	Jun. 1–Jun. 10 Jul. 1–Jul. 20	Store in pit & in cellar
Cabbage (plants)	60– 90	Drumhead Savoy		
Brussels Sprouts	70– 90	Long Island Half Dwarf Danish Prize	Jun. 15–Jul. 10	Leave outs
Chicory	150–175	Witloof	May 1–May 15	Force in ce
Kale	75– 85	Dwarf Green Curled	Jun. 20–Jul. 15	Leave out
Spinach	40– 60	Victoria King of Denmark	Jul. 15–Aug. 1	Can

FRAMING KAKEMONO PICTURE

(*Continued from page* 82)

over-leaves, a nail at each end. No glass covers the pictures. The Kakemono, having forfeited their rollers, are first tacked to the wall.

The accompanying photographs show the result of my idea. Vast spaces of dull gold brown wall—the color some artists have called old Sunlight and others grim dust color—have been given panels of light. The strips of mirror have been treated to an aging process and their lustre is never aggressive. It touches and outlines t visions of a far country in a lost with a faint radiance like star l Most of the color in the room c from the Kakemono, the scarlet of a Buddhist priest, the sapphire ment of a Mandarin, the water greens of a Chinese garden. My pet is the color of the walls, chairs and sofas green and si lamp shades cream, and most o ornaments crystal and emerald ro



Up the Chimney—
valuable heat or just smoke?

PERHAPS you wondered last winter why your heater never seemed to warm the house thoroughly, even though the drafts were kept open and quantities of coal were piled on. The trouble was probably due to the fact that the chimney instead of the house received more than its share of heat.

The special "Staggered Fire Travel" of the thrifty Thatcher Steam or Hot Water Boiler eliminates just this trouble. It extracts practically all the valuable thermal units from the smoke and hot gases, before they are allowed to escape up the chimney. And every room in the house receives its proper proportion of genial warmth.

Your local Thatcher Dealer will be glad to give you full details and show you exactly how to cut coal bills.



Write for illustrated Thatcher Booklet, "Helpful Hints on Choosing Your Heater" which gives you a complete survey of heating methods and describes Thatcher Boilers in detail.

THE THATCHER COMPANY
Formerly Thatcher Furnace Co.

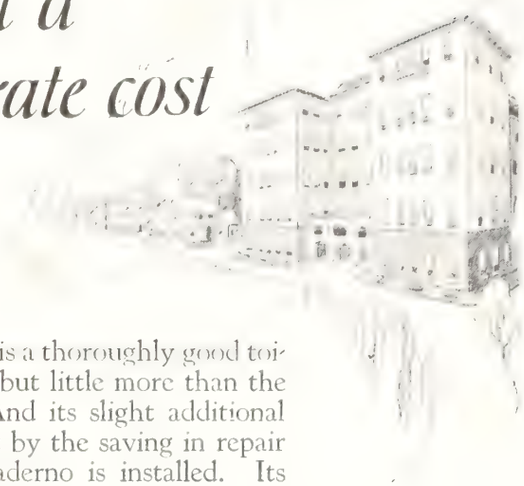
General Offices, 39-41 St. Francis St.,
NEWARK, N. J.

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[illegible]w York

341 N. Clark St.
Chicago

THATCHER
BOILERS · FURNACES · RANGES

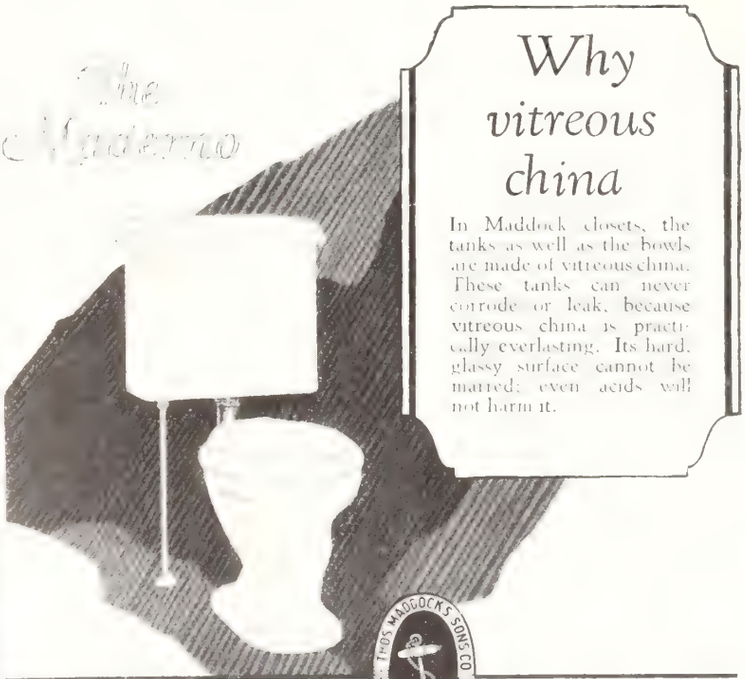
A modern toilet at a moderate cost



THE Maderno is a thoroughly good toilet that costs but little more than the cheapest kind. And its slight additional cost is soon offset by the saving in repair bills where a Maderno is installed. Its first cost is its last cost.

The tank mechanism is so well made that it is guaranteed against giving trouble or causing expense for repairs or replacement. Each tank is factory-tested under water-connection.

You are invited to write for our new booklet, "Maddock Bathrooms." This booklet gives suggestions for placing different combinations of fixtures in spaces of various sizes and shapes.



Why vitreous china

In Maddock closets, the tanks as well as the bowls are made of vitreous china. These tanks can never corrode or leak, because vitreous china is practically everlasting. Its hard, glassy surface cannot be marred; even acids will not harm it.

THOMAS MADDOCK'S SONS COMPANY, *Trenton, N.J.*

MADDOCK
Bathroom Equipment

Avoid doctor bills by more intelligent use of the plumber



The "Mother, I'm hungry" hour!

Kelvinate the children's foods, and "special diets" can be planned with half the usual effort

Each day you wrinkle your brow and ponder as you ask yourself, "What shall I get for the children?" Every week-end—yes, every day—the question arises, "Will it keep?" or "Is it still good?"

Here is where Kelvinator refrigeration would take a real load off your mind. With Kelvinator chilling your refrigerator you would *know* that the special foods you buy or prepare *would* keep—not only until tomorrow but until the day after, or the day after that. You could safely plan and prepare your children's diet far in advance.

Kelvinator electric refrigeration preserves both purity and freshness. It is so cold that the air in the refrigerator becomes frosty and dry. It does away with the uncertainty of ice delivery, for Kelvination is as constant as your electric service and requires no attention.

Ask your nearest Kelvinator dealer how Kelvinator can be installed in your present refrigerator. Write for his name, and for Kelvinator literature.



THE KELVIN-ET
Kelvinator with refrigerator, complete for
$250 f. o. b. Detroit

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DETROIT, MICHIGAN
Kelvinator of Canada, Ltd., 42 Temperance Street, Toronto

Kelvinator
The Oldest Domestic Electric Refrigeration

141



The old pond bottom became a sunken garden, with shrubs and flowers, through which the brook crept on its way to distant meadows

RESTORING AN OLD HOUSE

FLORENCE FELLOWS COOK

TO WANT an old fashioned house, haunted by the ghosts of your own or some one else's ancestors, is one thing; to find it in a location where idealism and practicability go hand in hand is another. Yet we found just such a place, among the hills of Westchester County on the old Sleepy-Hollow road, the same historic road over which galloped the famous headless horseman.

There were fine shade trees surrounding the house, an orchard, and a lazy brook running through what had been a large pond until it was drained long ago. It was, at the time we found it, knee high in meadow grasses. The whole place, to the casual observer, was dilapidated beyond repair. It needed a person of imagination to see it as it once had been, and once more could be.

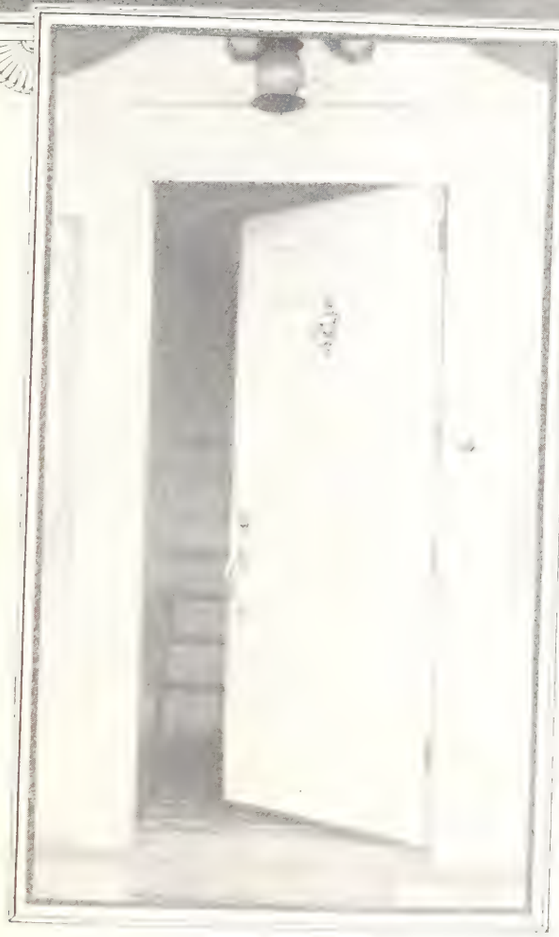
It is true that it was old; two hundred years or more, and quaint and low-lying on the ground, with its sloping roof covered with moss. No glistening white shingles or gay green shutters greeted the eye. A soiled and faded yellow it stood, with shutters sagging from their hinges. The lawn ploughed rough by many horses' hoofs formed pitfalls among its rank grass for the unwary. Wagon tracks in place of a carriage drive led crookedly to the barn and out buildings, past fences mended and patched in a manner shiftless beyond

(*Continued on page* 138)



Delightfully refreshing on a summer noonday is the cool shade along the brook where ferns and a host of other native plants temper the gray of the rocks

Build for tomorrow and use *Sargent Hardware*



"THEY don't build homes like that nowadays." You've often heard it said. But the fact is that thousands of modern structures are quite as good as the famous old-time houses—and many are far better. It's all in the way you build.

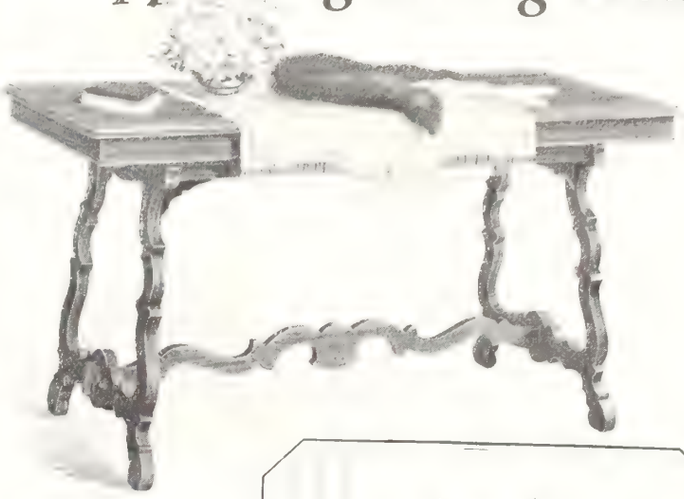
If you would "build for tomorrow," select those materials which are as dependable as time. For instance, choose Sargent Locks and Hardware of solid brass or bronze. These are more than harmonious—more than smooth-working and secure—they are built to serve faultlessly as long as your home stands!

With your architect select Sargent Locks and Hardware. The Sargent Colonial Book will help you. Write for it today.

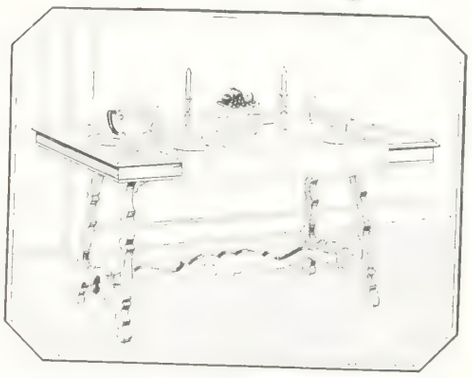
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Hardware Manufacturers
31 Water Street New Haven, Conn.

SARGENT
LOCKS AND HARDWARE

Have you seen the disappearing dining room?



Apartment dwellers are enthusiastic



NO dining room wasting precious space. Just a fine big living room.

Then comes the dinner hour, and the mystery is solved.

Quickly the hostess removes things from the handsome library table. In a moment she has parted the top, unfolded a hidden leaf, and created a dining table roomy enough for six.

What a blessing the new Imperial 2 in 1 Table is to homes of limited space. Simple, practical, a wonderful space saver.

See this exclusive patented table at the furniture stores, in various period designs to match your furniture. Made by skilled GRAND RAPIDS CRAFTSMEN, of fine woods richly figured.

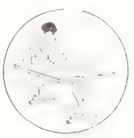
IMPERIAL FURNITURE CO.
"World's Largest Table Factory"
Grand Rapids, Michigan



1 - Draw out sides of Library Table



2 - Unfold hidden leaf



3 - Close sides making roomy Dining Table



Write Dept. E for free folder, "The Hidden Dining Room."

Imperial LIBRARY 2 in 1 DINING Table

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HASTINGS FURNITURE

So splendidly useful—



Only Hastings has successfully applied the two-in-one principle to a table of authentic Spanish design.

This charming Hastings occasional table conceals an extra leaf beneath its finely figured top. A simple operation transforms it into a spacious dining table large enough to serve six people.

Hastings artistry in blending the useful with the beautiful is clearly displayed in this table which carries an air of thoroughbred distinction in serving either one of its dual purposes.

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HASTINGS, MICHIGAN
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HASTINGS Furniture

HASTINGS FURNITURE
The MARK of FRED E. HILL and his associates

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Minneapolis, Minn.

Magney & Tusler
Architects

INTERNATIONAL Steel Casements are very effectively used where a grouping of windows is desired, the narrow frame and sash scarcely interrupting the broad expanse of glass. Such a treatment of windows assures the maximum of light and ventilation.

International Casements are ready-made in the standard sizes usually found in small and medium-sized houses. Casements in special shapes and sizes are made to order.

We shall be pleased to send you upon request a copy of our illustrated booklet *"International Casements For Homes of Distinction And Charm"*, which gives many interesting suggestions regarding the interior and exterior treatment of windows.

INTERNATIONAL CASEMENT Co INC

88 HOPKINS AVE. JAMESTOWN NEW YORK



This floor

will never need replacement

It's a legacy you will leave to the next generation, and it will be modern then

A good oak floor, once laid, never needs replacement because permanence is one of the qualities of oak. Beauty of texture and pattern, however, is a matter of selection.

Nature herself is responsible for the exquisite beauty of "Perfection" oak flooring. In the regions where the logs are cut, the equable climate is such that the mighty oaks mature unbent by storms and unscarred by the elements. The rainfall and soil afford such nourishment that the grain is clear and beautifully patterned.

Good architects and contractors are well aware of the superior quality of "Perfection" oak flooring. They are able to give you specific information that will guide you, either in building your new home or remodeling your present one. Special thicknesses are made for both purposes.

The leading lumber dealer in your city carries "Perfection". He will quote prices, not in thousand feet, but by the room dimensions. The small cost will surprise you.

Before you decide on the matter of floors, let us send you a copy of "The Overlooked Beauty Spots in Your Home". If you wish, we will give you the name of the lumber dealer to see.

ARKANSAS OAK FLOORING CO.

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"PERFECTION"

BRAND OAK FLOORING

ROPER

Complete Oven Control



FREE – *this valuable book*

America's Oldest Gas Range Manufacturer has been striving unceasingly for 40 years to lessen the labor and advance the fine art of cooking. Perhaps the most epoch-making Roper improvement is Roper Complete Oven Control—complete because it not only regulates the amount of heat, but distributes that heat uniformly in the oven. Only Roper can give this Roper Complete Oven Control.

Be sure the Roper Purple Line and the Roper Complete Oven Control are on the range you buy.

"Better Cooking in the Home" was published as a direct service to Roper users, but because it contains, besides a wealth of time and temperature recipes, many benefits to all who desire to advance the fine art of cooking, we shall be glad to send it to any reader of this magazine. See the Complete Roper Line, including the New Colonial Design, at your dealer—and ask him for "Better Cooking in the Home"—or use coupon.

GEO. D. ROPER CORPORATION, *Rockford, Illinois*
Pacific Coast Branch: 768 Mission St., San Francisco, Cal.

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Gentlemen: Please send me without obligation one copy of "Better Cooking in the Home."

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H G-6

A BABY ROPER
White Enamel Gas Range
6¼ inches high
$1 pinned to this coupon brings it to your little girl.



Residence of R. C. Proctor, Rye, N. Y.

H. N. Woolsey, Architect New York City

You Can Have June Comfort in January

You can be just as comfortable inside your house in January as you are outside it in June. Just as comfortable and just as healthy. It's all a matter of that heater in your cellar.

Think of your heater *now*, and you'll think of it less when the icy winds begin to whistle around the corner. If your present heating system isn't giving you the comfort, the health, the economy of Kelsey Health Heat—it will pay you to tear it out and install a Kelsey Warm Air Generator.

There are scientific reasons why the Kelsey with its constant circulation of moist, *fresh* air, brings June into your home in January—and why it does it with *less coal*. Scientific reasons—simply explained—that you should know.

Send for the booklet, "Kelsey Achievements." It may open your eyes to some common-sense heating facts. They'll be doubly interesting next January when the coal bin cries for a little attention.

THE KELSEY
WARM AIR GENERATOR
(Trade Mark Registered)

237 James Street, Syracuse, N. Y.

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Principal Cities

KELSEY HEALTH HEAT



Comfort is the keynote of the rear porch, plus a wholly successful preservation of the predominating spirit of mellow age

RESTORING AN OLD HOUSE

(*Continued from page* 134)

description. Several pigs huddled together at one end of a half roofless piggery, originally built for a hundred of their kind, while two large families of cats lapped sour milk from an old pan at the kitchen door.

But no external shabbiness could make the hand hewn beams of the old house less sturdy, or change the dignity and charm and good proportions of the architectural lines. Inside it was quaint and charming as only a really old farm house can be; and if the wall papers were ugly and faded the timbers were good and strong, and the trim and doors, though painted in the most startling of pinks and blues, were in perfect condition, good and simple in design.

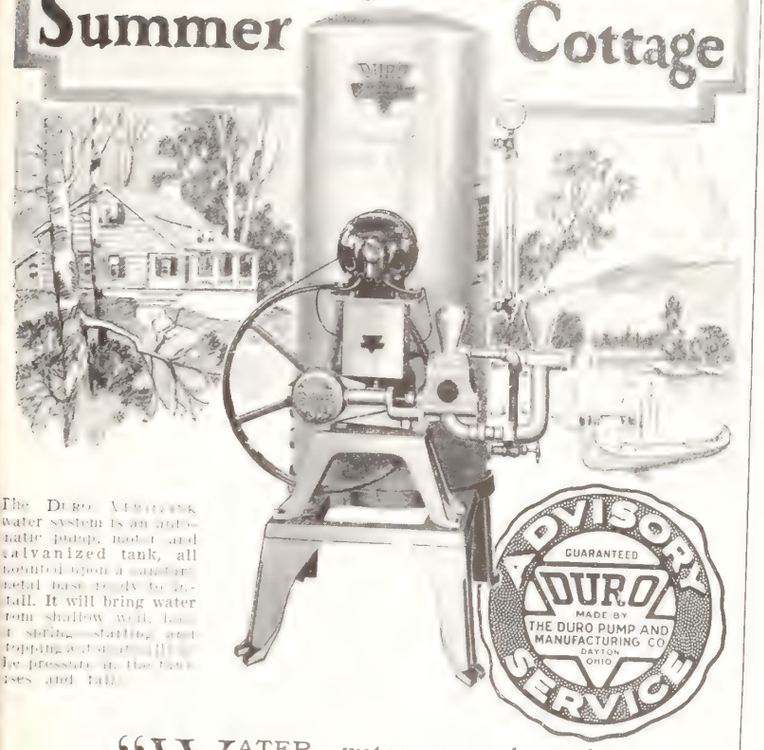
We entered by the hall, which, as in most houses of this type, ran from front to rear, with wide doors swinging on great strap hinges. The stair were unusually well proportioned fo a farm house, having wide easy tread and a lovely mahogany rail and spin dles. To the left there were tw rooms, the partition between whic was later torn down, making a livin room, spacious and cheerful, with quaint fireplace and cupboards. O the right, another room with anothe fireplace faced the brook and forme pond. Then came the dining roo and from this one entered directl into the kitchen, a large chocolat colored room with plenty of window and roomy pantries. A huge fireplac boarded up, was later discovered t

(*Continued on page* 140)



Wherever possible the old features were retained. The solid shutters, the cupboards, even the pump from the porch floor were preserved in their full values

Running Water in your Summer Cottage



The Duro Automatic water system is an automatic pump, motor and galvanized tank, all mounted upon a substantial metal base ready to install. It will bring water from shallow well, lake or spring—starting and stopping automatically as the pressure in the tank rises and falls.

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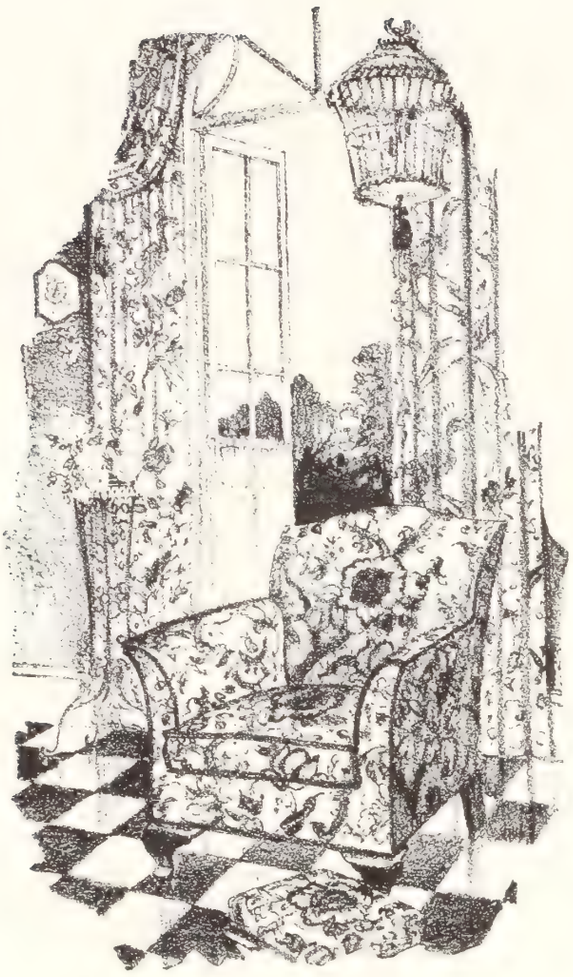
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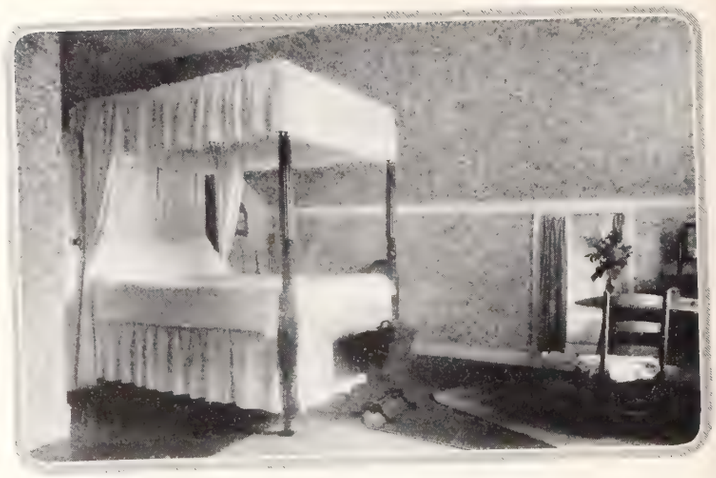
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Household Linen

Interior Decorations

Lace Curtains



Low, sloping ceilings and odd windows and doors on the second floor suggested visions of four-poster beds and crisp chintzes—visions which soon became realities

RESTORING AN OLD HOUSE

(*Continued from page* 138)

contain an old crane and pot hooks. Altogether, it was a comfortable old kitchen, reminiscent of hearty dinners and the smell of homemade sausage frying, while the tea kettle sang merrily as it hung on the crane.

On the second floor there were six rooms in the main building, and a hall and three rooms in the ell over the kitchen and pantries. On this floor there were no fireplaces, but the rooms had low sloping ceilings and odd windows, and one had visions of four-poster beds and chintzes, chintzes everywhere. In spite of the external shabbiness, the picture one carried away in one's mind was of a happy, peaceful old house, resting lazily in a flood of sunshine among its wooded hills and green meadows.

There are many who picture such a place, yet who, fearing the tremendous cost of labor and materials, content themselves instead with a mediocre modern house, already built, exact cost known in advance; while the cost of remodeling the old house remains unknown. Yet it is surprising how many things one can do one's-self; things not at all difficult for the inexperienced, but requring much time; and time, when reduced to wages, is a large item in the cost of remodeling. The thrills of transforming, by a few whisks of a brush and some fresh paper and chintz, an otherwise shabby room into the quaintest and freshest of places, can be appreciated only by one who has tried it. It is a fascinating task as well as a liberal education, and requires only a bit of taste, much patience and hands that are willing and eager to make a home.

And, while one hesitates, the old farms are going; the cost of land increasing. An architect is seldom needed, for the house has already been planned by one; nor is it advisable to put everything into the hands of a carpenter. Most carpenters have a ruthless way of saying that a porch is no good because one beam has rotted, and away goes a nice old porch, or something equally important, which no new wood can ever replace. There were dismal shakings of many heads over the moss covered roof of Sleepy-Hollow. There seemed urgent need of the old shingles coming off at once, before the winds of Winter left one gazing at the stars, or the rain beat a tattoo on the floors. Yet for nine years the old roof has kept its inmates snug and dry under its lichen covered shingles. One is apt to forget that all builders unconsciously think in terms of new wood. Therefore it is wise to use one's own judgment, giving, however, just consideration to the advice of the carpenter, who if not artistic or sentimental, is wise in the knowledge of how much weight a beam can hold and other practical details.

In remodeling go slowly, and think—think well—before making the slightest alteration; for the hardest thing to retain, the easiest thing to lose, is the peculiar charm of the old places. There are very few that retain it, no matter how quaint they look, while one sees numerous examples of houses whose character have been completely spoiled, where disharmony cries out to the passerby; sleeping porches clinging to the sides of houses like a frightened cat to the trunk of a tree, or windows denuded of their shutters reminding one of a debutante's eyes with plucked eyebrows. Again there are places harmonious and attractive, but of whose rejuvenation one is too conscious. It is well to keep in mind that a house must harmonize with itself, with its grounds, and the whole with it's environment.

The first step in restoring Sleepy-Hollow Farm was to have the chimneys tested, for an unsafe flue is a fire menace, and a smoking fireplace a torture to one's senses. Two of them were found unsafe and they had to be rebuilt. One, an outside chimney, was built of native stone and was almost covered with white plaster in imitation of the old foundation of the house. It was so in keeping, that, combined with an unintentional crookedness it has always been mistaken for an old one.

This work, as well as the heating and plumbing, required professional workmen, and were the three really expensive items. But the rest was for the most part the work of amateurs intimately concerned with the results.



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Another good rock garden Iris that is worth looking up is I. setosa canadensis, an interesting native species photographed here at Mt. Desert, Maine

IRISES IN THE ROCK GARDEN

(*Continued from page* 93)

May. They are compact, quite wildly floriferous, making splendid spreads of color over the hillsides of the rock garden, almost as many hued as their tall prototypes and, like them, of exceeding amiability.

For the most part these Irises are forms or hybrids of several widely distributed European species. Hybridizers have of late been so busy with them that their name approaches legion, and there are unhappily many poor ones both in form and color, as well as many that so nearly duplicate each other that confusion spreads from catalogs to gardens and the result of our expenditure is too often disappointment. At the present time the Iris Society is doing a noble work in trying out these dwarfs and sifting from among the fine and distinct kinds, the duplicates and those of inferior color and habit. Soon we shall have lists purged of all save the distinct and the lovely, and our choosing will be a matter of certainty.

In the meantime here are a number that may be relied upon to give complete satisfaction. There is no doubt that the fat little elves that derive from *Iris pumila* are the most enchanting. The first of these to flower —about April 8th with me—is *I. atroviolacea*. It is the smallest, not exceeding four inches over all, and its blossoms are a good purple and look very well near a patch of the lovely blush-pink *Arabis alpina rosea*. Very dwarf also and early-flowering are the two "grey-sky-blue" forms, *I. coerulea* and *azurea*, both rather scarce, but worth taking a deal of trouble to find, for few plants of any kind provide us with such lovely breadths of color in the spring. *I. gracilis* is small, silver-grey with claret markings and fragrant; *I. macrocarpa* is purple and there is a white form of *Iris pumila* that must be delightful but I have not found it yet. One called *I. alba nana* that is listed in at least one Iris catalog this spring may be the desired plant.

Following close upon the heels of these small charmers come others of slightly greater height. They flower in late April and the early days of May and are from eight to twelve or fourteen inches tall. A good selection

(*Continued on page* 146)



Iris prismatica is happy beside a rocky pool. It is taller than the others suggested in the accompanying article, but is slender and appropriate in such a setting
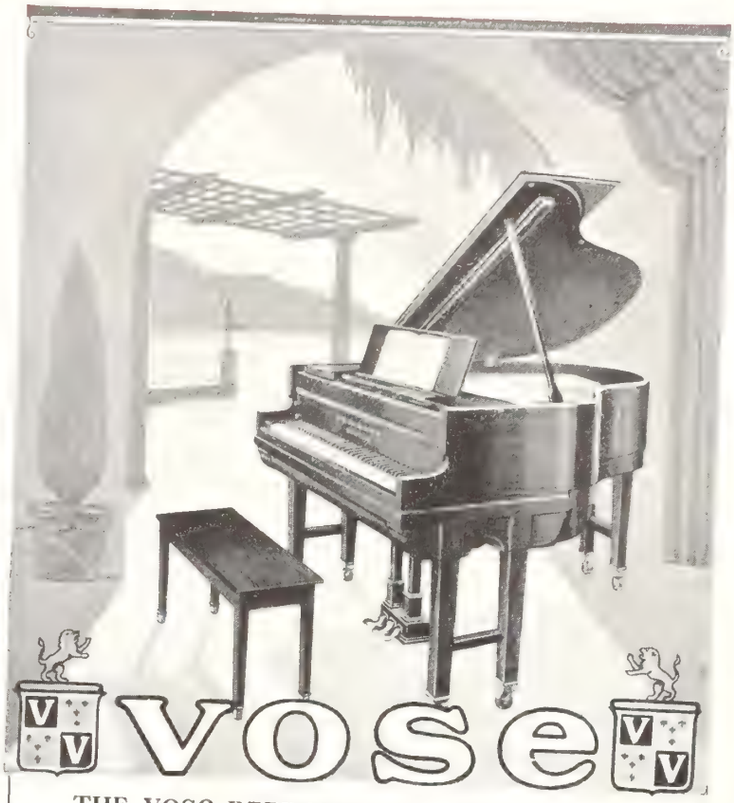


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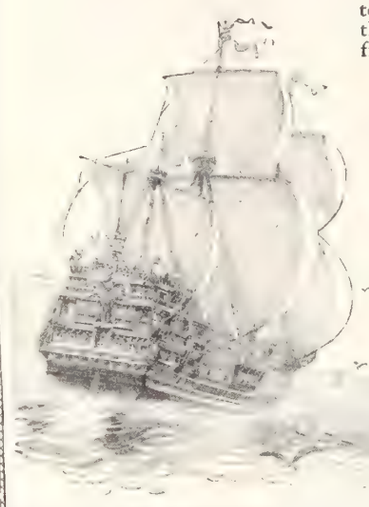
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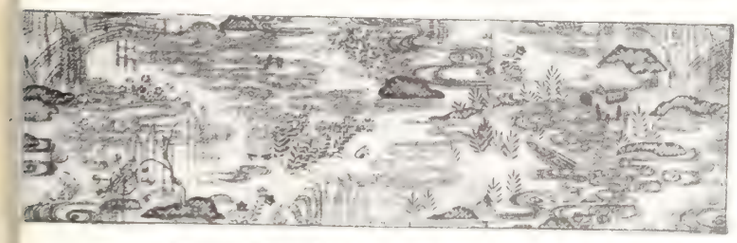


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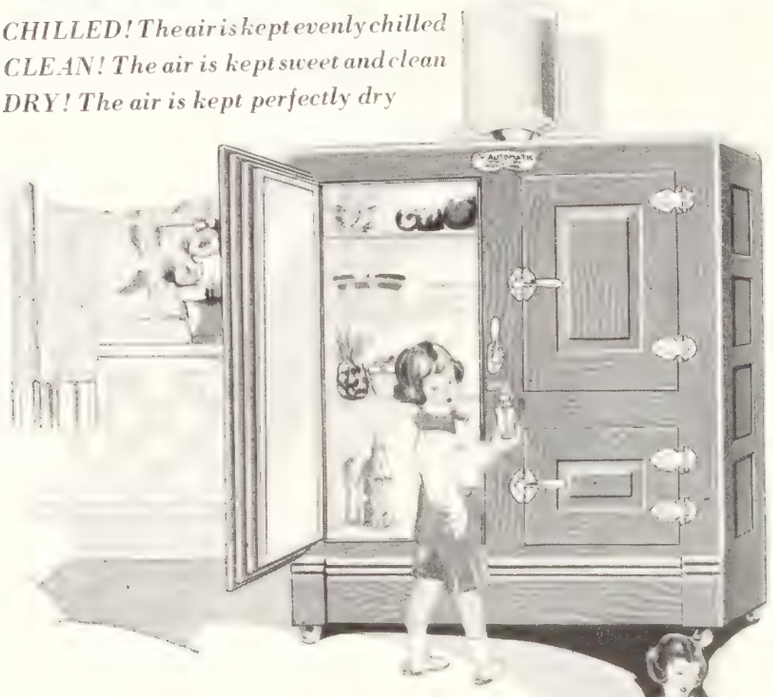
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USES LESS ICE

Watch for your dealer's "Automatic Week" in June
Dealers—If you want to increase your refrigerator business—write us!

IRISES IN THE ROCK GARDEN

(*Continued from page* 142)

is the following: Socrates, a fine claret hued variety of nice habit and form; Cyanea, deep blue-purple; Black Midget, very dark purple with interesting almost black buds; Orange Queen, deep yellow, with a large blossom; Glee, a lovely soft tone of yellow, with a longer period of blossoming than any dwarf known to me. It is well named. Lutea and Excelsa are very good yellows, the first paler than the second, and both quite dwarf; *I. lutescens statellae*, creamy white, delightfully free and very sweet; the Bride, a lovely grey-white about ten inches tall that should be in every collection.

These Dwarf Bearded Irises love a sunny situation in well-drained soil. They do well in the ordinary soil of the rock garden if plenty of humus is added and they are befitted by an occasional dressing of bone meal.

FOREIGN DWARFS

Very different in appearance from the foregoing varieties are four little foreigners that grace the rock garden exceedingly. They are slender, with narrow leaves and slight stems carrying lovely, butterfly blossoms. They are *I. arenaria, I. gracilipes, I. ruthenica* and *I. minuta*. These are not so readily procured as are the Dwarf Bearded sorts. One may have a long quest through foreign seed lists and through domestic Iris catalogs before the four are assembled, but it is a proud day when it comes and worth all the waiting and the trouble.

Iris arenaria, the Sand Iris, is a minute Hungarian species with a wiry creeping rhizome. It requires to be planted a half inch deep in sandy soil with a layer of good soil just beneath where the feeding roots may find sustenance. It is a sun-lover and spreads about rapidly making nice patches that in early April are entirely covered with large bright yellow blossoms as vivacious and as ephemeral as a flight of yellow butterflies. Seed of this species is sometimes offered in foreign catalogs and this, if fresh, germinates quickly and the little plants are ready to flower the second year from the sowing. Once in a while plants are offered in an American catalog, but not often, strange to say, for it is a most precious small treasure.

A TALLER SORT

While *Iris arenaria* spreads about and holds its yellow blossoms low to the earth, *Iris gracilipes* arises slenderly to a height of about a foot. It is perhaps the most lovely of the dwarf Irises. In time it makes a nice clump of narrow green leaves slightly ribbed from among which arise in mid-May in great profusion delicate stems bearing aloft the most exquisite fragile blossoms, pale lavender-blue in color and thin, almost, as tissue. This valuable species hails from wooded slopes in Japan where it grows in loose vegetable soil. Such a position suits it in the rock garden—a little slope shaded for a part of the day and a well drained soil rich in leafmold. An occasional top-dressing of this nourishing food is a consideration well repaid.

Iris ruthenica is a dainty and delightful species whose range in nature extends from Hungary to East China and Korea. Its height is about eight inches, its blossoms blue-lavender, the falls spreading and attractively veined with white. It has the added grace of delightful fragrance. The leaves are very narrow. This plant requires full sunshine and a soil of humus or leafmold well mixed with stone chips and a little sand to insure drainage.

IRIS MINUTA

Iris minuta is a quaint little soul whose natural haunts are not known—that is, it is not known in a wild state. It was brought from gardens around Tokio and Yokohama to Western gardens, but is still very rarely met with. It is probably not sufficiently striking to take the eye of Iris-lovers accustomed to the gorgeousness of the larger forms. But for the rock gardener whose eye is keen for small bits of beauty it is a treasure. The photograph of *Iris minuta* shown is so good that there is no need for further description of its charms, save to say that its sprightly blossoms are yellow. With me it thrives in a soil of leafmold and sandy grit with the top dressing of stone chips, and in a sunny situation, though the large rock seen at the back protects it from the afternoon sun.

Besides these four undoubted rock garden treasures there are a number of taller species—taller, but slender and with blossoms lightly made and lightly carried. Of these are *I. chrysographes* from China, a lovely velvety red purple; *I. Forresti*, with charming yellow blossoms, that appear in late May or early June, and *I. Bulleyana*, that blooms at the same time, but bears soft blue blossoms. It is a somewhat larger and stronger-growing plant. The three are from West China and like a low position in the rock garden where moisture gathers. In my own rock garden I also grow *I. tectorum alba* for, though its blossoms are larger than those of other Irises admitted, its supreme beauty seems to demand a special setting, and it is not tall, nor pervasive. It likes, too, the sunshine, the protection and the thoroughly drained soil there to be found. The type, a delightful mottled blue in color, is a fine plant, but the white form is to my thinking the most beautiful of all the great family. *Iris tectorum* belongs to the same section—the Evansia or Crested section—as do *Iris gracilipes* mentioned above, and *Iris cristata*, one of the most delightful of our native species.

NATIVE AMERICAN IRISES

When we come to think of native Irises it is with a distinct thrill, for here is a field that has been little explored but which promises infinite returns. The Western coast states are especially rich in beautiful species and these are almost unknown in the East save among a few adventurous gardeners who are always reaching out

(*Continued on page* 148)



These HEAT WAVES show how the heat RISES and ESCAPES through the roof and walls of your house

That's what makes the snow melt on your roof. Do you like to buy coal to melt snow? This is sheer waste, and you can stop it by insulating the roof and walls of your house with

CABOT'S *Heat Insulating* "QUILT"

You can lay Quilt under your shingles, clapboards or siding, or between your studs or rafters or under your attic floor. It will save enough coal to pay for itself in two or three Winters and keep you cooler in Summer and warmer while you are working, no matter what part of the house stands.



SAMUEL CABOT, Inc.
8 Oliver Street Boston, Mass.
Fifth Avenue, New York
24 W. Kinzie Street, Chicago
Los Angeles Portland
Cabot's Creosote Stains, Stucco Stains, Old Virginia White, Double-White, etc.

BOREDOM



There is nothing particularly interesting about an automobile tire

Any woman would rather read about a new hat. Any man would rather think about a new casting rod.

The fact remains, however, that tires have to be bought now and then, and the money and physical comfort involved would seem to make the matter worthy of serious consideration.

The interesting thing about *Mohawk Tires* is simply this: By remembering them *before* buying you are enabled to forget them *afterwards.*

The *Mohawk Warrior Cord* has set a standard for mileage that no tire in its price class has surpassed. The *Mohawk Flat Tread Cord* has revealed what a tire can be built to do when quality and not cost is the goal of the builder.

These two superior tires (in the regular and balloon types) constitute the *Mohawk* line. *Mohawk* has never built a second or third grade tire.

MOHAWKS
Go Farther!



THE MOHAWK RUBBER COMPANY, AKRON, OHIO

It's now easy... to make sure of getting *Kirsch Curtain Rods*

Three Ways to Tell the Genuine

1 — 3-color box

2 — Beautiful StippleTone finish

3 — Name "Kirsch" on rod

Kirsch Rods are now guaranteed by Kirsch in every way. The patented StippleTone finish can't be mistaken for any other. It is soft to the touch and silk-like. More artistic and durable. Also the name "Kirsch" is on the box and rod.

Improved Curtain Rods at no greater cost

Kirsch Rods give you the most perfect and new type of rod. They fit all windows; provide for all effects; are easily fitted on or off the patented Snug-fit Brackets. Kirsch sliding rings, drapery hooks and draw curtain equipment for use with Kirsch rods, are equally simple and practical.



There is no substitute for Kirsch Quality and Service"

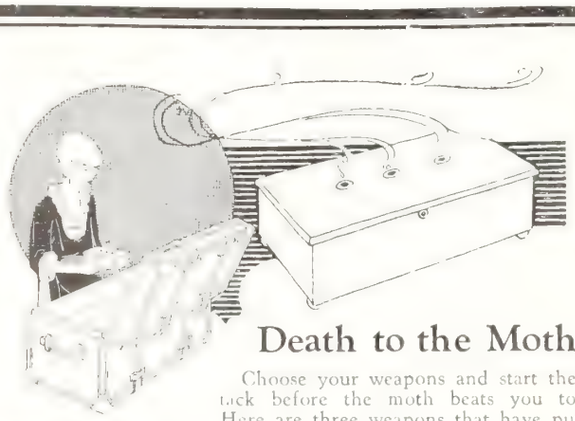
KIRSCH MFG. COMPANY, 244 Prospect Ave., Sturgis, Mich., U.S.A.



FREE—Wonderful Book on Window Dressing Helps



If the book is not at your dealer's, write the Kirsch Interior Decoration Department



Death to the Moth

Choose your weapons and start the attack before the moth beats you to it. Here are three weapons that have put to flight whole armies of moths. And they grant no quarter to the stragglers. Each has its particular use and does its job supremely well.

They are typical of the shop which for three generations has sponsored only the finest in home equipment.

Phone Vanderbilt 0571

LEWIS & CONGER
45th Street & Sixth Avenue

Hawley Chest, with the size of a cigar box. Keeps clothes from moth, mold, or heavy drawer, $2.00. Cedar oil refill, $1.00.

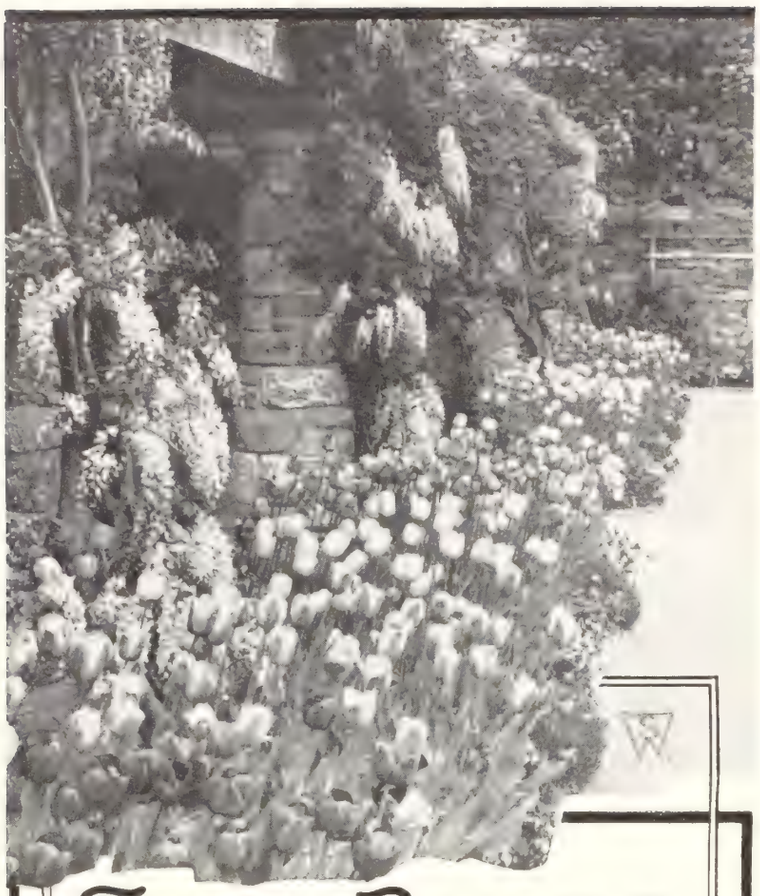


Enoz is the Moth Killer Paint, with the spray on, $2.00. 1 quart of Enoz $1.65. 2 quarts, $2.50. Improved brass sprayer, $2.00.



Roofer No-Moth fill $2.00. Refill bottle, $1.50.

Lewis & Conger
45th St. & 6th Ave., New York, N.Y.
Send me the
Hawley Chest
Enoz paint with
No-Moth spray
No-Moth refill
Name
Address



TULIP BULBS
(May-Flowering)
BUY NOW AND SAVE 25%

Until July 15th—not later

We are making the readers of House & Garden a very special offer on the following **Darwin, Breeder** and **Cottage Tulips** and are suggesting a color scheme for border planting. Many lovely color schemes may be had with this class of Tulips. Combinations of several varieties are frequently used in the better gardens to attain certain desired color effects. We believe, however, after many years of planning some of the finest garden displays of these Tulips in America, that they are seen to best advantage if planted in clumps of 25, 50 or 100 of a variety with a definite color scheme in mind. Our Advance Bulb Catalog issued in May lists 155 varieties of these—The Aristocrat of the Tulip Family, but we recommend the following Special Border Collection and suggest that they be planted in the order given.

TEN FINE VARIETIES	Per 100	Per 1000
Reverend Ewbank - Beautiful soft lavender-violet	$4.00	$38.00
Carl Becker—An even tone of soft rose	5.00	48.00
Bronze Queen—Soft golden bronze	5.00	48.00
Dream—Even tone of heliotrope	4.00	38.00
Edmee—Vivid shade of cherry-rose, lighter border	5.00	48.00
Cardinal Manning—Rosy violet, light bronze border	5.00	48.00
Moonlight—Handsome oval shape, soft canary-yellow	5.00	48.00
Philippe de Commines—Deep velvety maroon	4.00	38.00
Clara Butt—An even tone of salmon-rose	4.00	38.00
Apricot—Best described as ruddy apricot	7.00	68.00

25 each of a variety at 100 price; 250 each of a variety at 1000 price.

Special Collection Offer

10 Bulbs each of the above 10 varieties, 100 Bulbs	$ 5.00
25 Bulbs each of the above 10 varieties, 250 Bulbs	12.00
50 Bulbs each of the above 10 varieties, 500 Bulbs	23.00
100 Bulbs each of the above 10 varieties, 1000 Bulbs	45.00

TERMS: 30 days after shipment or 5% discount if Cash accompanies order.

Our Advance Bulb Catalog—Issued May 1st
Write for a Copy

Stumpp & Walter Co

One of the Largest Importers of Dutch, French and Japanese Bulbs for Discriminating Flower Lovers in the United States.

30-32 Barclay Street, New York

IRISES IN THE ROCK GARDEN

(Continued from page 146)

to the far places of the earth for something new under the sun. Not a great deal is known of the way to make these Irises happy in Eastern gardens. It is believed that they dislike lime of all things, that they should be grown in well-drained vegetable soil in full sun. And under these conditions some thrive and others fail. *Iris tenax* grows well with me and it is a charming plant whose blossoms vary from deep claret-color through various tones of lavender to almost white. The foliage is evergreen and the height of the plant here is not more than eight inches. Other lovely California species which should be tried are *I. Macrosiphon*, *I. Douglasiana*, *I. Hartwegli*, *I. Purdyi* and *I. bractteata*. These Irises should be secured very early in the spring when growth has hardly begun. They are then more apt to settle themselves in their new surroundings and thrive. They may also be raised from seed—and perhaps this way carries more certainty of success than any other—and planted out in the places they are to occupy when very small. I have lately received two tiny species from the mountains of Oregon—one a white-flowered kind from the neighborhood of Crater Lake, the other sent as *I. gormani*, about which I know nothing at all. These great treasures are the result of friendships sprung from correspondence with unknown flower-lovers across our wide country, and with them came the most precious small members of the Primula family and any number of other diminutive green and grey plants that promise great delight.

Even the native Eastern species of Iris have not received the attention that their beauty and usefulness merit. Probably *Iris cristata* of the Southern States is the only one that enjoys anything like general recognition. From Maryland to Georgia this lovely and sprightly species grows over hillsides and along streams. It is a very dwarf species with lavender-blue blossoms, the falls marked by a bright yellow crest or fluting that gives them a very festive appearance. In the rock garden almost any situation suits them save one in dense shade. They are delightful on a little slope, which the creeping rhizomes will quickly cover and at the blossoming time there will be a veritable sea of delicious color. *Iris cristata* and the members of the Dwarf Bearded Group spoken of earlier are the best kinds for the beginning rock gardener; they give so much beauty for so little effort on our part. The white form of *Iris cristata* is still very scarce but it is a lovely thing and once found should be tenderly cherished.

Iris lacustris is a good deal like *I. cristata* but is smaller and slighter in all its parts. It is not so vigorous and gay a plant as its Southern relative. Its native habitat is along the shores of the Great Lakes. *Iris verna* is a species of great charm when well grown. It is a Southern species, but quite hardy in the climate of New York. It grows on dry hillsides from southern Pennsylvania to Georgia and Texas, and I have seen it spreading about over the sand hills of North Carolina in great patches. This species requires an acid soil and there is little use trying to propitiate it with anything else. It is a little slender-stemmed species not more than eight inches high. The flowers lavender with a gold band at the base of the haft. It is a charming upstanding flower quite worth the trouble required to make it a little bed of sand and peat and oak-leafmold.

Other native Eastern species that the collector will wish to grow are the various forms of *I. Hookeri* and *I. setosa*, *I. tridentata*, and *I. prismatica*. This last is taller but very slender and is well placed near a little pool.



Queen Anne Martin House

Made with 48 rooms for the beautiful martins who colonize, The martins devour mosquitoes! Scientific porch. Pure white and green trims. Of pine, copper roof. 22-foot easy raising pole, house 36 x 26 x 37 inches.

$60.00

Sexangular Flicker House



Places with trees should have these houses. The woodpecker family save millions of dollars in trees annually, destroying moths, ants and tree pests. Lovely design. Brown to match tree trunk. Norway pine. 26½ inches high, 12 inches wide.

$7.00



Great-Crested Flycatcher House

The Flycatchers are entirely insectivorous, living off the pests of the air. This strikingly original house will attract them. Place on a pole or hang. Green, of pine. 15 x 11 x 18 inches.

$4.00

With Copper Roof

$5.00



Scientific Wren House

It brings the silver-throated wren! A 4-compartment house satisfying their habit of changing nests for each succeeding brood. Beautiful design, to hang from tree, eaves, or elsewhere. Green. Of oak, with cypress shingles, copper coping. 28 inches high, 18 inches in diameter.

$7.00



Enjoy them—

on a square foot or on an acre!

FOLKS get an idea that song birds must have a whole park or vast estate —Oh, no! There's a little pair of wrens, bluebirds, flycatchers, waiting for a home on the eaves of your house. Or on the tree just outside. A colony of beautiful martins are scouting about for a home on a pole—give them a perfect home!

These quaint signs of hospitality attract the beautiful songsters. So artistic are the Dodson Bird Houses, that one is apt to overlook the scientific details which Mr. Dodson has perfected after years of study. Not so the birds! They approve them season after season, building their homes, raising successive broods of little songsters.

Gentle folks love the birds, know their happy influence, their inspiration. Dodson Bird Houses open this joy to you.

But, remember, always, the *work* of the song birds. A thousand mosquitoes a day are destroyed by just one graceful martin! Trees are protected from boring pests by the flicker family! All your green growing things are *insured* thru the song birds you attract.

Send us your order straight from this page. The houses come promptly all carefully crated, ready to put up. Order *now* —don't put it off.

JOSEPH H. DODSON, *Inc.*

791 Harrison Ave. Kankakee, Ill.

Mr. Dodson is President of the American Audubon Association and a Devoted Friend of the Song Birds

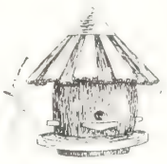
Real Dodson Bird Houses sold only from Kankakee



Bird Bath

Birds need water—that's why they eat fruit. They are afraid of large bodies of water. A scientific bird bath will attract them to your lawn. Sloping sides designed for the birds complete with stand. 32 inches high.

$26.00



Bluebird House

Bluebirds for happiness, because they are perhaps our most beloved songsters! They are exacting birds; but this house will win them. Put it on a pole up out of harm's way. Green, of pine, 21 inches high by 16 inches in diameter.

$7.00

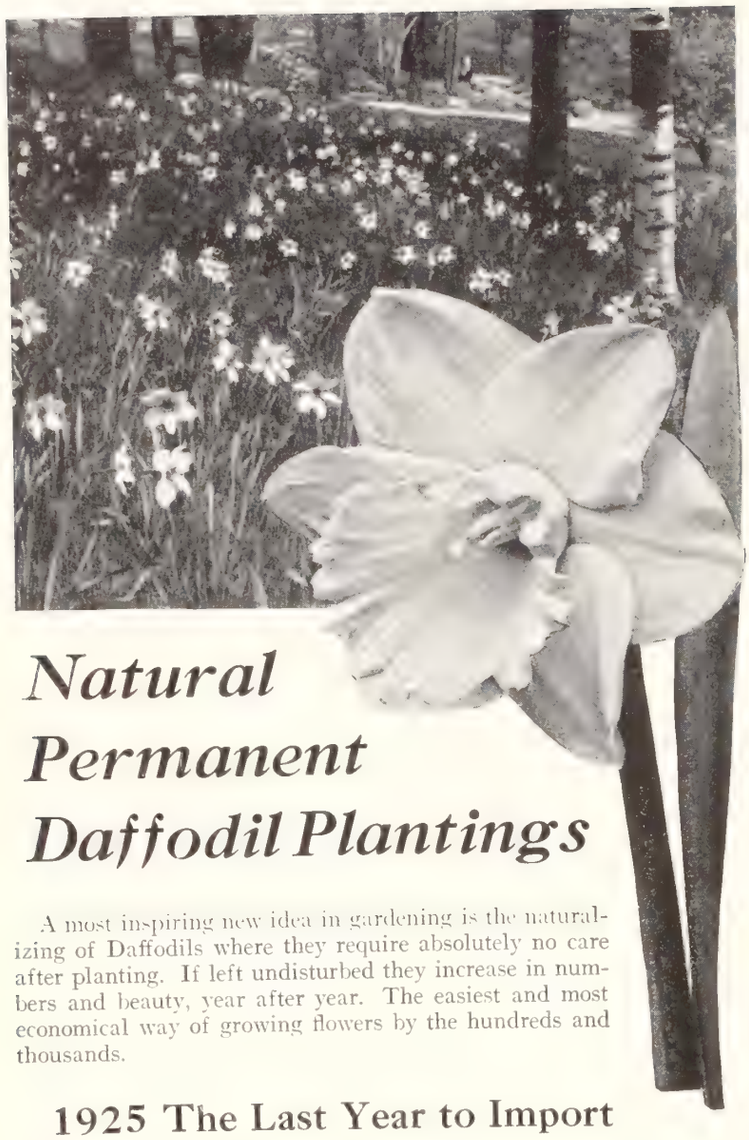


Free!

Send for Mr. Dodson's fascinating booklet—"*Your Bird Friends and How to Win Them.*" Forty years' loving study of the birds has completed it. Things you should know about the work of the song birds.

Who Buys Dodson Bird Houses

Henry Ford, Detroit
Mrs. W. M. Leeds, New York
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Irvin S. Cobb, New York
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and score upon score of friends
the country over



Natural Permanent Daffodil Plantings

A most inspiring new idea in gardening is the naturalizing of Daffodils where they require absolutely no care after planting. If left undisturbed they increase in numbers and beauty, year after year. The easiest and most economical way of growing flowers by the hundreds and thousands.

1925 The Last Year to Import

By ruling of the Federal Horticultural Board *no more Daffodils may be imported after this season.* Make sure now of having these beautiful spring flowers in your garden for years to come by ordering now while true, high-quality Dutch bulbs are still available. Here are six varieties selected for size, beauty and hardiness *at special import prices.*

Poeticus Ornatus. Improved Poet's Narcissus. Pure white, star shaped flowers. Shallow cup of yellow, edged red.

Autocrat. Short, wide trumpet and large perianth; rich yellow throughout.

Evangeline. Broad, white perianth and large, shallow cup of palest lemon.

Blood Orange. Wide, creamy yellow perianth; cup brilliant reddish orange; exquisitely frilled.

Emperor. One of the largest and finest Giant Trumpets. Deep golden yellow.

Empress. A fine companion to Giant Emperor; pure, snowy white perianth; yellow trumpet.

Special

Collection NA	10 bulbs each, 60 in all	$1.50
Collection NB	25 bulbs each, 150 in all	11.00
Collection NC	100 bulbs each, 600 in all	39.00



Above special offers good only until July 1. Order now—pay when bulbs arrive in September or take 5% discount for cash with order. Complete directions for planting and care with every order.

FREE—Bulb Book

Elliott's Import Bulb Catalog for 1925 is the most complete ever offered. Tells best and easiest ways of growing Hyacinths, Tulips, Daffodils, Lilies and many other bulbs, indoors and out. Describes thousands of varieties. Beautifully illustrated. Gives special import prices good only until July 1. Sent Free.

Write for Catalog Today

ELLIOTT NURSERY COMPANY

516 Magee Building **Pittsburgh, Pa.**



The chimney on this old frame house in Fredricksburg, Va., shows how important a part of the building it was considered, both for usefulness and beauty

ARCHITECTURE OF CHIMNEYS

(Continued from page 87)

fire destruction was an ever present one.

This resort to size and massiveness for safety from fire fortunately furthered appearances. One seldom finds a chimney too large for its house.

With the present day use of tile flue linings, instead of the parged or plastered brick flues of former times, the need for massive masonry is greatly lessened. This often results, when economy is pressing, in the reduction of the chimney girth until it becomes an emasculated feature of the gable end, or a mild excresence surmounting the roof.

From the standpoint of design, it would frequently be wise to be somewhat extravagant in chimney sizes, and to simplify elsewhere, if anything is left to simplify. It is of prime importance to have the mass outline of the house at its best. Chimneys form the accenting note in the total mass effect, and so demand consideration before the finer details of cornices and of trim for windows, entrance doors and the like.

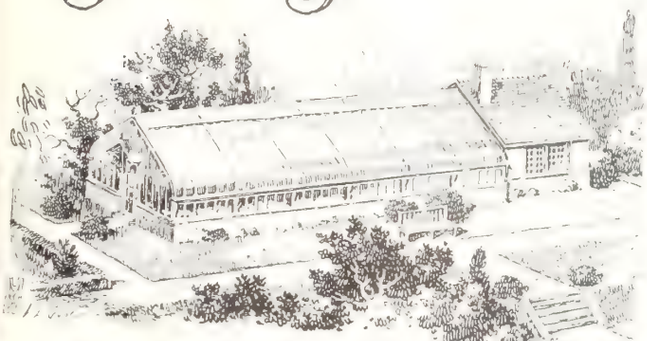
The placing of chimneys requires skill and study. With the increasing dependence upon them for interest in the shaping up of the house mass, there has developed freedom in location which runs sometimes to extremes. We have the spectacle of chimney stacks obviously located where there is no logical connection with interior space of adequate size to accomodate important fireplaces.

The ornamentation of the chimney shaft and its base offers unusual opportunity for interesting masonry work. Very fine effects are secured with the plainly walled mass well capped either with brick or stone and sometimes with a course or two of slate set in the brick work near the top with just the rough slate edges showing. The recessed panel with a circular head may also be resorted to and the capping may be done in moulded brick or in stepped brick courses. In fact, the range of possible chimney ornamentation is endless.

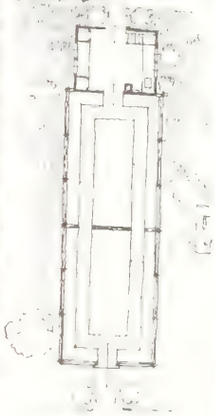
There are many practical features of chimney construction which demand attention. The design of fireplaces and the size and height of flues are of great importance. The proper pitching of flues and their careful lining with tile is likewise most conducive to successful operation and safety from fire danger. Then there are such details as dampers, ash drops to fire places, tile caps for the chimney tops and so on.

As an interesting excursion into the practical side of chimney and fireplace design, the dissertations of the 18th Century Count Rumford of Bavaria are worth looking up. The results of his experiments as embodied in his elegant essays on theory and practice for fireplaces and flues have been highly influential both in Europe and America. His idea with regard to the basic theory of fireplace design—the reduced throat and large smoke chamber above the throat remains a guiding principle today.

Glass Gardens







The house all three bought had but one compartment. This one has two, giving double the growing space.

The Same Week Three Buy The Same House

IT is that charming little greenhouse and work room that we exhibited at the recent New York Flower Show.

Three people wanted to buy it. So we sold it to one, and made exact duplicates for the other two.

All three of them wanted them home at once. All three were going to locate it near their home, so they could have the fun of fussing around among their flower friends, regardless of the season or weather.

As you doubtless know, there were several other greenhouses at the show, but all three decided ours was the most attractive in design, and best in construction.

We have photos of the house [illegible] and a full description, which we will gladly send you.

[illegible] we will allow to hold good until [illegible] later.

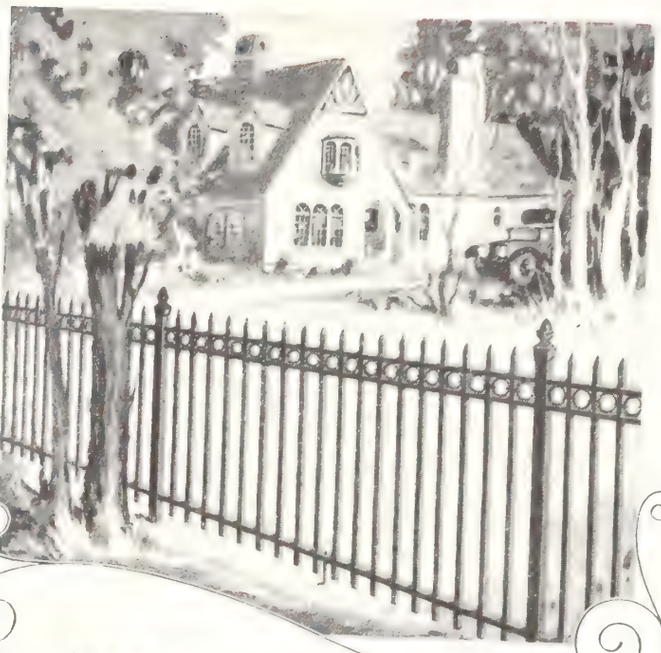
Lord & Burnham Co.

Builders of Greenhouses and Conservatories

Irvington, N. Y.

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Fencing for Country Homes and Estates

In Cyclone Wrought Iron Fence it is at once evident that here are combined all the qualities so essential in an enclosure for city, suburban and country homes and estates. A happy blending of artistic beauty, dignity and durability—the masterpiece of modern fence building. Furnished in a variety of designs from which an enclosure that will harmonize with your home and its surroundings may be selected.

Cyclone Ornamental "Complete Wire Fence" forms an ideal enclosure for residences. Built specially in accordance with purchaser's diagram. Includes all fittings, frame work, fabric, gates, etc., ready to erect.

Cyclone Nation-Wide Fencing Service affords expert advisory assistance. We will gladly make a preliminary study of your fence requirements, offer recommendations, assist in the selection of fencing and submit cost estimates without obligation.

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Standard Fence Co., Oakland, Calif.
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Cyclone WIRE OR IRON Fence

PROPERTY PROTECTION PAYS



Cyclone Colonial Fence with Scroll [illegible]



Lawler's Sir Watkin

Naturalizing!

—glorify your grounds with a page from nature's book

WHO HASN'T OBSERVED the lavish, carefree way in which nature distributes her choice collection of eye-arresting colors? No formal garden ever rivaled her handicraft in the meadow. Take a page from her book. Take a spade and a basket of Lawler's American-grown Narcissus Bulbs. Plant them with the abandon of nature—it's called naturalizing. A few thousand scattered over an estate adds more than gold to its general attractiveness—to its springtime lure. They also greatly enhance the beauty of the small garden and the well-groomed lawn.

The kind to select

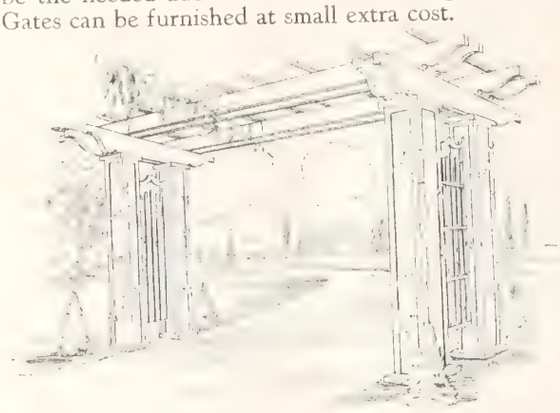
Four varieties are recommended: Lawler's Victoria—large, creamy-white petals with broad, beautifully flanged yellow trumpet, $1.00 per dozen, $7.50 per hundred, $65.00 per thousand. Lawler's Sir Watkin—pale yellow petals, four inches across and a bright yellow cup, frequently tinged near the mouth with orange, $1.00 per dozen, $7.50 per hundred, $65.00 per thousand. Lawler's Conspicuous—refined, soft, yellow petals with a wide-mouthed yellow cup rimmed with orange-scarlet, 75¢ per dozen, $5.00 per hundred, $45.00 per thousand. Lawler's Recurvus—Poet's Narcissus—small white flower with brilliant red eye, 50¢ per dozen, $4.00 per hundred, $30.00 per thousand. Parcel Post or Express additional—add 20% for transportation.

Why Lawler's Bulbs

The George Lawler Gardens, at Gardenville, Tacoma, Washington, are a Pacific-Northwest show place. The August Garden Magazine paid Lawler's American-grown bulbs a beautiful editorial tribute. Orders are being accepted now for late summer shipment—for September planting. Bulbs are dug and cured only for orders actually on file. If you would obtain Lawler's American-grown, superior quality bulbs, send in your order at once. Volume of business that will be accepted is limited. Delay in ordering means disappointment. No order under $2.50 accepted. Orders handled in the order received. Address George Lawler, Gardenville, Tacoma, Washington. His catalog, featuring more than a hundred varieties of American-grown bulbs, on request.

That *Finishing* Touch

Garden Craft Entrance No. 307 (below) for the driveway may be the needed addition to an otherwise perfect garden setting Gates can be furnished at small extra cost.



Opening 9 ft. wide 8 ft. high; columns 8 x 8 in. Panels between columns 14 in. unpainted, in sections ready to erect.

PRICE **$125.00**

Arbor or Garden Entrance No. 350 (right) will lead you down the path to more happy hours in the great outdoors.

Dimensions 3 x 4 ft. 7 ft. high with posts which have been creosoted, extending into the ground 2 ft. unpainted, in sections ready to erect.

PRICE **$37.00**



Prices quoted are for cash, delivered f.o.b. your freight office. If your local dealer cannot supply you, you may order direct from this advertisement, or send for our attractive catalog which is filled with suggestions.

GARDEN CRAFT DEPT., Express Body Corp.

World's Largest Manufacturers of Garden Furniture

9 Lake St. **Crystal Lake, Ill.**

CHAIN LINK Stewart Afco **WIRE FENCE**



FENCING of character and dignity commands respect but discourages familiarity. For this purpose Wrought Iron Fence has no rival. Within the range of Stewart designs you can express your individuality, and carrying out your own ideas. We will welcome an opportunity, also, to advise with your architect in achieving true harmony in fitting the fence "frame" to the landscape picture he has planned. A good Stewart Fence is an investment for generations.

Ask for Book of Designs "C". Estimates will be cheerfully furnished



Chain Link Wire Fencing is illustrated in a separate catalog. Ask for it

The Stewart Iron Works Company (Incorporated)
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Stewart IRON FENCE

STANDARD OF THE WORLD

Do Smooth, DUSTLESS, Weedless Driveways Appeal to You?

Dust-laden drives are disagreeable, unhealthy, injurious to grass and foliage and mar the appearance of the grounds; furthermore they are entirely unnecessary.

Solvay Flake Calcium Chloride, a clean, odorless, harmless chemical, is a natural dust preventive and road binder, that protects the surface from wear and controls the dust.

Weeds are entirely eliminated by Solvay Flake Calcium Chloride, and its germicidal action is approved by doctors everywhere. Easy to apply and readily obtainable from numerous shipping points. For perfect roadways use Solvay. Unexcelled too, for surfacing tennis courts; makes them fast, smooth and resilient. You are invited to write for the Solvay Road Book No. 1357, illustrated.

The Solvay Process Company

WING & EVANS, Inc., Sales Dept.
40 Rector Street, New York City









The Kind of a Lawn and Garden You Want

A LUXURIANT growth of flowers and shrubbery—a profusion of vegetables all through Spring, Summer and early Fall—the smooth rich green of a perfect lawn—such results are best brought about by scientific watering. Ten days of hot, dry, weather can make a failure of your garden, no matter how much work you put on it in the Spring.

The modern gardener knows that the Skinner System will not only provide water during the dry weeks of Summer—but it will make planting easier; it will make fertilizing more effective; it will minimize danger from early frosts in the Fall.

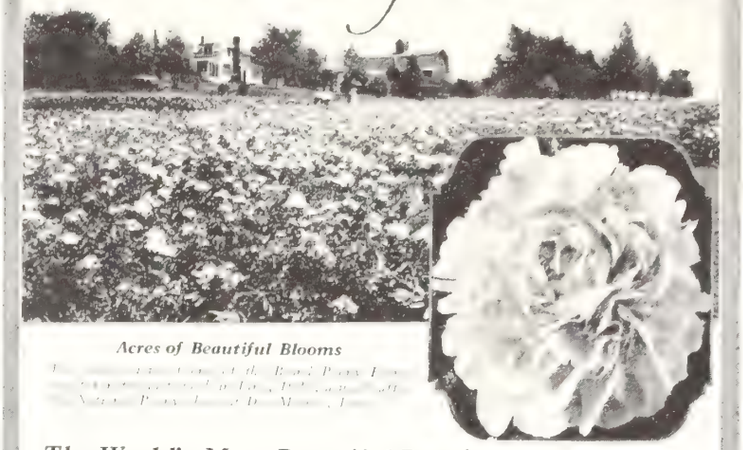
Send for our book "RAIN," written by Skinner System irrigation experts. It is an authority on modern methods of watering. It tells you how you can be SURE of having the kind of a lawn and garden you've always wanted, whether you have a small city garden or a large estate. Send us your name to-day and we'll mail your copy of "RAIN" at once.

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The Skinner Irrigation Co.
231 Water St. Troy, Ohio

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Brand's Peonies



Acres of Beautiful Blooms

The World's Most Beautiful Peonies

NEVER before in our more than fifty years growing peonies have we had the unusually large assortment of those wonderful choice varieties we are offering for fall planting. Flowers from this stock, competing with those entered by all other growers, won the three highest prizes at the greatest National Peony Show ever held.

Brand's Peonies awarded Gold and Silver Medals at National Peony Show.
Brand's Peonies awarded Grand Sweepstakes at St. Paul Peony Show.
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You will want some of these, the world's most beautiful peonies, for your fall planting, therefore, write for Brand's FREE catalog of Peonies and Iris giving variety with full description and price.

BRAND'S BIG PEONY MANUAL, which we consider the most complete and up-to-date work ever written on the Peony, gives the history of that flower, its culture and varieties. Price 25c, but that amount may be deducted from price of your order.

Growers of Peonies for More than 50 Years
THE BRAND PEONY FARMS
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Because It Kills The Rose Pests It's Death On All Garden Bugs

FIRST it
Then it
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It does all
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Instead of having several sprays, Dy-Sect does the work of them all.

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A quart
Agreeable to use.
Harmless to the hands.
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Prices: Pint $1. Quart $1.75. Half gallon $3.75. Gallon $6.

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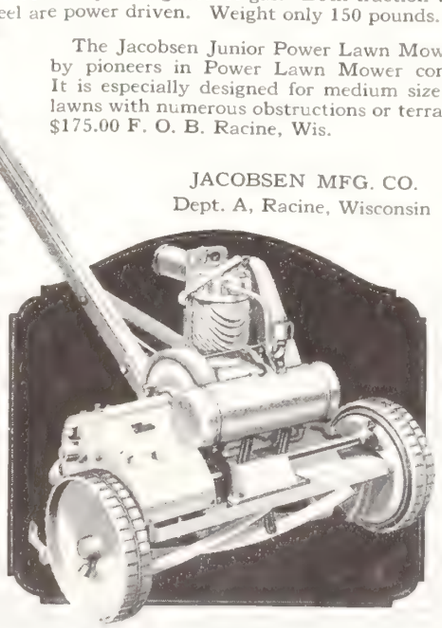
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A Small Power Mower for Average Lawns

Takes the drudgery out of lawn upkeep. A light, sturdy, simple, motor-driven mower very moderately priced. The 19-inch reel cuts two acres a day on a gallon of gas. Both traction wheels and cutting reel are power driven. Weight only 150 pounds.

The Jacobsen Junior Power Lawn Mower is built by pioneers in Power Lawn Mower construction. It is especially designed for medium size lawns, or lawns with numerous obstructions or terraces. Price $175.00 F. O. B. Racine, Wis.

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Jacobsen
Power Lawn Mowers

Anchor Fences



Fences that last for decades

The fence you buy this summer may be a constant source of expense—or, because of its enduring construction, a constant source of economy.

If you buy an Anchor Chain Link Fence, you buy a fence whose enduring construction is based on 35 years of fence building experience.

Anchor Fences last for decades:

First—because their chain link fabric is made of *rust-resisting copper*-bearing steel.

Secondly—because this fabric is galvanized *after* weaving as a double safeguard against corrosion.

Thirdly—because of our *drive-anchor* method of securing the posts.

Before you buy a fence, let us tell you more about these essentials of lasting fence construction and their economy. Just phone or write our nearest office or sales agent. Full information and descriptive literature will gladly and promptly be furnished.

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WILKES-BARRE, PA. 500 Coal Exchange Bldg.

Sales Agents in Other Cities

THE BIRD ON THE ROOF

(*Continued from page* 110)

other means of communication had failed, brought into headquarters from the tanks which smashed the German lines at St. Mihiel. Not even wireless can compete with the Homer on the modern battlefield, and the wounded survivor, floating on the surface of the ocean in the wreckage of his plane must depend upon pigeons and pigeons alone for rescue. It is no wonder that American birds came back from the war covered with foreign decorations.

It is not, however, for war that the Homer is produced in such great quantities as he now is, but for the great sport of pigeon racing, which has developed so many followers in recent years that today almost every city in the United States has its racing clubs, and there are several national organizations for the furtherance of the sport.

Pigeons are monogamous and usually once mated remain so all their lives, unless the owner forcibly separates them and arranges a new alliance. They raise their young in nests built of tobacco stems in earthen nest pans, at the rate of from five to nine pairs a season. Pigeons moult late in the summer and at that time breeding is usually halted by the owner who separates the sexes until the following February or March. It is well to have a loft which can be easily partitioned into three compartments, one each for cocks and hens and a third for young pigeons. These latter are often pecked unmercifully by their elders as soon as they have left the nest, and some protection may save a valuable bird from permanent injury. The young may be kept away from the others until they are old enough to disclose by their love making which of them are cocks and which hens.

Pigeons are always banded, that is the owner slips a tiny ring of aluminum upon the leg of the week old squab, and this band is so inscribed as to act as an identification mark. Bands may be purchased from dealers but more often they are issued by the national pigeon organizations. There is rivalry among these, and one of them may and sometimes does exclude all pigeons not banded with its bands from any show conducted under its direction. These national pigeon societies are federations of local clubs, and in addition to them there are specialty clubs with members scattered country wide, for the promotion of individual breeds.

Pigeon fanciers enjoy several periodicals devoted exclusively to their interests. There are at least three monthly magazines in the United States covering pigeons in general, and at least one for the racing pigeons alone. There are of course many foreign pigeon journals and one of the English papers enjoys an American circulation.

Pigeons vary tremendously in price, prize winning birds often bringing high figures. Good birds of most of the show varieties sell at from five to ten dollars a pair. The usual advice to the novice is to buy stock birds of known parentage and to raise from them his own prize winners.

Two objections to pigeons are usually raised by members of the family of him who has just caught the pigeon fever. One is that pigeons are dirty, and the other is that they will damage the garden. Neither of these is true. The pigeon keeper will not find his loft so difficult to keep inoffensive as his chicken yard. If his birds are kept confined to small enclosed yards or flies, it is obvious that they can do no damage to crops, and if pigeons are fed regularly they will never forage abroad.

When I first built my loft for Homers I had an apprehensive neighbor whose garden my pigeon house overlooked. For his benefit I confined the pigeons to their screened fly while his corn and beans were emerging. Since then I have let them roam unrestrained the year round and they have never injured a plant. On the contrary, this last spring (this is a story you may tell to anyone, but especially to gardeners, it will do them good) one pair went out into this man's garden and worked hard to pull from the newly cultivated rows, not plants, but witch grass roots, which they carried back to the loft and used there to line their nest. More good than this doeth no man.

THE COUNTRY GARDEN

(*Continued from page* 91)

of house or picket fence; a special effect for that distressing period known as the "July slump"—namely Gypsophila, blue Veronica, yellow Anthemis and Late Lemon Lily—and lastly, in the shelter of the wall, a brave display of hardy Chrysanthemums—one can with difficulty be restrained from volubility.

The third terrace, though its character is definitely fixed by the old-fashioned Roses, Smoke-Bush, Bridal Wreath, coral Honeysuckle, Strawberry Shrub, Southernwood and other old-time favorites, is left with beautifully empty beds for annuals which may be varied at one's pleasure.

The lowest level is but a shut-in quiet spot beneath the apple trees overlooking the quiet waters of the pond far below—with a splashing fountain. Ferns and Boxwood green, expressing the very essence of dreamy peace.

Other gardens may assail the eye in louder accents, may clamor more insistently to be admired, but this one is a garden to be lived with, and remembered because it just fits its spot.

FLORANID

THE RICHEST NITROGEN FERTILIZER

46 PER CENT NITROGEN

Water Soluble and Immediately Available!



Average Number of Pounds of Nitrogen in a Ton of Various Fertilizing Materials

	lbs.
Sodium Nitrate	320
Beans, raw	64
Cottonseed meal	320
Tankage, dried	160
Blood, dried	320
Cow manure, fresh	12
Cow manure, dried	40
Horse manure, fresh	10
Horse manure, dried	40
Hen manure, fresh	32
Sheep manure, fresh	20
Sheep manure, dried	60
Barnyard manure, fresh	10
Sulphate of Ammonia	400
FLORANID (UREA)	920

Nitrogen is the most needed plant food generally lacking in soils.

Floranid is pure plant food. It gives plants a quick start and keeps them in vigorous growth.

Floranid improves color of foliage, Flowers, Vegetables and Fruit. Greatly increases the quality and yield.

For liquid fertilizer, use a level teaspoonful to the gallon of water, or a half can to the barrel of water.

1lb. Cans and 50 lb. Bags

Write for booklet, in colors, giving valuable fertilizing facts. Floranid is sold by dealers in horticultural supplies. In New York City, by Stumpp & Walter Co., 30-32 Barclay Street

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to $40.00. SEATS: $20.00 to $110.00.

FOR A VERY MODEST SUM

ou can make your garden more comfortable, more livable, ore beautiful with Art Stone pieces—bird baths, urns, ats, fountains, dials and other pieces. Beautifully illus- ated style book sent on receipt of 10c.

CHITECTURAL DECORATING COMP



A BEAUTIFUL LAWN ENHANCES YOUR HOME

A soft, beautiful lawn so evenly cut that when one walks on it, it feels like a carpet of rich green velvet. That's the kind of a lawn that is made with successive light rollings with each cutting. Then, too, a light rolling controls weeds and conserves moisture, thereby assuring a healthier growth of grass the year round.

For making better, more beautiful lawns at less expense, the Model "L" Motor Lawn Mower and Roller is a wonderful machine. Easy to operate, economical and dependable. Trims close up to and around shrubbery and along walks and borders doing away with the necessity of hand mowers. Low in initial cost and low in maintenance, and with the new detachable gang units, its former cutting capacity is now more than doubled. May we arrange to have our nearest dealer demonstrate on your lawn at no expense—or would you like us to send you detailed literature?

SINCE 1867

COLDWELL

DEPENDABLE LAWN MOWERS

Hand · Horse · Motor · Gang

COLDWELL LAWN MOWER COMPANY, NEWBURGH, N. Y., U. S. A.



A Charming Color Accent

This new cage of Pyralin is made in beautiful combinations of green, amber, orange, black and white. Besides being a healthy home for a songster, it affords a touch of color that adds to the charm of sun parlor, screen porch or living room. Pyralin is hard, smooth and sanitary; the colors are *permanent*. May we send you a folder in colors?

Hendryx Cages with Floor Stands to Match
Are Made in Several Hundred Designs

"HENDRYX" BIRD CAGES
Since 1869

The Andrew B. Hendryx Company, New Haven, Conn.



A Superb Gift for the Bride

Modelled by R. Guy Cowan

THIS Dancing Nymph, a sculpture in porcelain, forms a holder worthy of the flowers. It makes possible innumerable flower arrangements that are infinitely beautiful. The sweep of line, the charm of design contrast with the flowers and breathe the spirit of outdoor beauty.

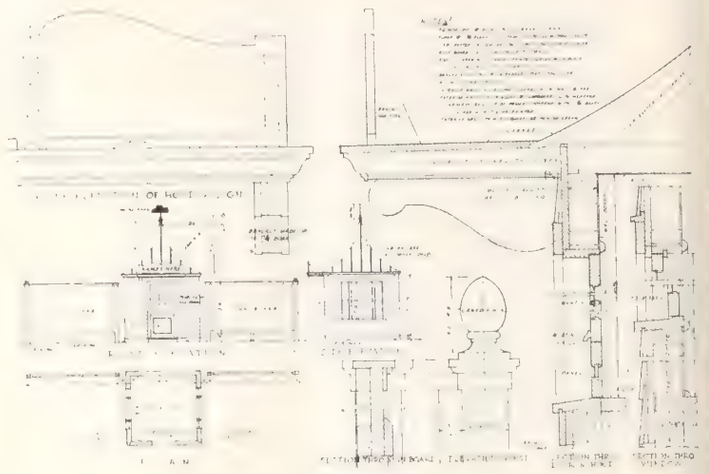
Intrinsically fine and charming, it appeals to those not interested in the commonplace.

The figure (six inches high) is but six dollars. The bowl is from seven to ten dollars according to glaze and color.

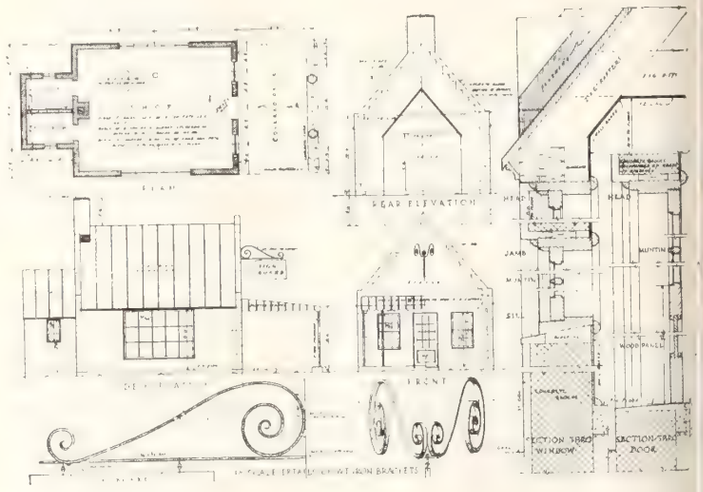
May we send you the names of retailers carrying Cowan in your community and that interesting tale "The Story of a Bowl?"

The COWAN POTTERY
Studios and Potteries ROCKY RIVER, OHIO

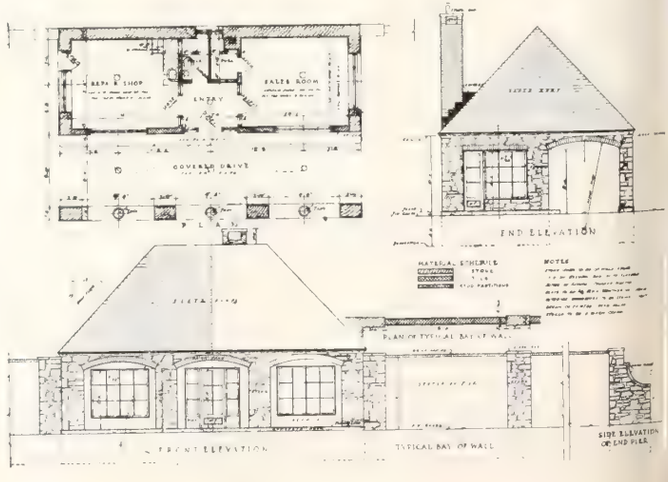
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Type A Filling Station is of frame construction, with walls of either shingles or clapboard and a roof of either painted canvas or tin. Its size and weight make it portable



Type B Filling Station is of tile and stucco, with quoins and gable edges of specially cast cement blocks and a tin roof. It is a practical, attractive, small permanent structure



Type C Filling Station is of stone, principally, and of stuccoed tile and brick, incidentally. It has a slate roof. It contains a repair shop, salesroom and toilet



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Garden architecture designed, built and shipped ready to erect by Hartmann-Sanders, will add charm and distinction to your grounds and enhance the value of your property as well.

The lovely, vine-covered *Pergola* with the famous Koll Columns, shown here, is a typically pleasing example of Hartmann-Sanders craftsmanship. In it, our 26 years of specialization have produced a rare combination of beauty, stability and architectural correctness. And the same applies to all our products—all priced attractively.

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Protect and *Beautify* Your Garden

Enclose it with a non-climbable **Page Fence**—the fence with the Super-heavy Zinc Coat.

Page is the most *durable* wire fence made. A super-heavy zinc coat applied after weaving, approximately *five times heavier* than that on ordinary galvanized wire, assures rust-resistance, protects the fabric when it comes in contact with moist vegetation.

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Big Money Weekly Selling Stark Shrubs



"I Made an Average of $104.63 Per Week Sales All Last SUMMER"

"In just the time I could spare from my regular job as insurance man, I have made over $2,400.00 in sales during the last 23 weeks selling Stark's famous Fruit Trees, Shrubs, Hedges, Rose Bushes, etc. Stark's Free Selling Outfit and Instructions and their constant help made me **Succeed From The Start. I sold $159.45 worth the very first week!"** reports **EDWARD MENHENNETT, Broome Co., N. Y.**



"I Made $105.25 in Sales First Week-in Spare Time"

Declare **MRS. FRANK POLLOCK**, Stark Salesman in **VERMILLION CO., ILLINOIS.** "By 7 Weekly Reports I made Sold 75 in sales during the time I could spare just visiting neighbors and talking Stark Trees & Shrubs. It's wonderfully interesting work.

YOU will be tremendously **HELPED** by the fact that ours are **The LARGEST NURSERIES IN THE WORLD—OLDEST IN AMERICA.** Our Advertising reaches 25,000,000 Americans and leads them to us for salesmen. **Tens of Thousands Order Trees and Shrubs in Summer for Fall and Spring Planting.**

We Furnish Summer Sales-Making Outfit — FREE

Hundreds of beautifully attractive Natural Color Photo Prints of all the Varieties Fruit, Shade, Hedges, Vine, Rose Bushes, WILL INTEREST AND CONVINCE EVERYONE YOU CALL ON!

In addition to **LIBERAL** CASH COMMISSIONS PAID WEEKLY. Ask your local banker, head of any bank in the world there or we are **RESPONSIBLE.**

Answer Today! Before some one else gets your territory. Send coupon or postal today. **We Can Start You Selling Immediately!** Don't Stamp, we will pay postage. **HUNDREDS OF SALES PRIZES,** in addition to **LIBERAL** CASH COMMISSIONS PAID WEEKLY.

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Largest in the World
Oldest in America
at LOUISIANA, MO.
For 109 Years

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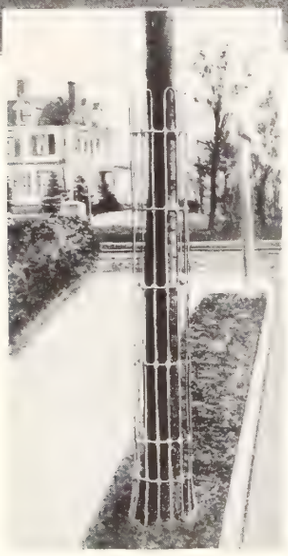
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Flower-bed guards, lawn borders, tree guards, trellises and arches made for long wear and hard service.

These products are fabricated by the Wickwire Spencer patent clamp construction. Every intersection is held firmly in place. Big strong wires. The wire fabric is hot galvanized after assembling, giving the steel a rustproof coating and long life.

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Complete information will be sent upon request

WICKWIRE SPENCER STEEL COMPANY, INC.

FENCE DEPARTMENT

WORCESTER MASSACHUSETTS

New York Buffalo Philadelphia Cleveland Detroit
Chicago San Francisco Los Angeles Seattle

VEGETABLE GARDEN PESTS

CUT-WORM. Sluggish, fat, brown soil worm, ¾ inch to 2 inches long with stripe along side; works at night.

Through season, mostly April to June, cutting off young plants and seedlings.

Attacks especially Cabbage, Beans, Cauliflower and Tomato plants.

Poison bait close around plants before attacked, and give plants protection with 4 inch paper bands close around them, set 1 inch into the soil. Also hand picking, best done with aid of flashlight in the evening. Dig around cut off plant and catch worm.



APHIS or Plant Louse. Small green or black, soft bodied flies about 1/16 inch long, congregating in large numbers.

Through season, especially on half-grown plants and in dry weather on under sides of leaves.

Attacks Cabbage, Cauliflower, Lettuce, Peas, etc.

Contact spray or powder, two or three applications, at intervals of a week or ten days, especially against under side of foliage and on folding leaves.



POTATO BEETLE. Common striped beetle ½ inch long.

Through season, first on earliest sprouting potatoes; three broods.

Attacks Potatoes, Egg-plants, Tomatoes.

Spray or dust with arsenate of lead or Paris green; hand-picked from Egg-plant.

The Wayside Garden Standard In Quality Bulbs

YOU are invited to write at once for our "Import-to-Order" Price list of Tulips, Daffodils, Hyacinths and other Dutch Bulbs for fall planting. Back of every bulb we import stand over fifteen years of *practical experience* in the bulb fields of Holland. Briefly, here are the advantages of sending us your orders early:—

1. You are sure of getting the varieties you want—and every bulb we send is guaranteed true to name and color.
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On this basis we invite your call for catalog. Square business principles have won us the loyal patronage of tens of thousands of exacting home gardeners. Greatly increased facilities enable us to take care of additional thousands. And, last not least, we are almost certain that prices this fall will be much higher than those quoted in our "Import-to-Order" Price list.



The Wayside Gardens Co.
Largest Growers of Hardy Plants in America
Mentor, Ohio.
E. H. Schultz, Pres. J. J. Grullemans, Sec. Treas.



3125Y—Height 15 inches 3126Y—Height 33 inches

Garden Pottery in plain unglazed buff or red; or these colors with unglazed blue or black in the background.

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GARDEN POTTERY

meets every requirement of the client whose taste is exacting.

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"HERBICIDE"

The Weed Exterminator

for Paths, Drives, Cobble Gutters, Tennis Courts, etc.

"HERBICIDE" is the easiest and most effective means of killing unsightly weeds and grass in any place where vegetation is undesirable. By destroying the ROOTS as well as the tops you get lasting results. Being a liquid, it readily penetrates into cracks and crevices of a cobble gutter or brick walk. "HERBICIDE" gets rid of weeds without disturbing the surface. This is especially desirable in the case of tennis courts.

"HERBICIDE" is quickly and easily applied by means of sprinkling cans or other simple equipment. Each gallon makes from 40 to 50 gallons when diluted. The price is one gallon $2.00, five gallons $8.00, ten gallons $15.00.



Get it at your dealer's. If he cannot supply you, send to us direct. Be sure to specify "HERBICIDE"

Reade Mfg. Co.
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Dreer's Water Lilies

THE month of June is the ideal time to plant out the gorgeous tender or tropical Nymphaeas or Water Lilies. We offer strong pot-grown plants that will flower freely this summer of a superb assortment in both the day blooming and the night blooming varieties in many colors including white, light blue and dark blue, rose, pink, red, etc. All of which are fully described and offered in Dreer's Garden Book, which also includes a most complete line of seeds and plants for present planting. A copy free on application, please mention this publication.

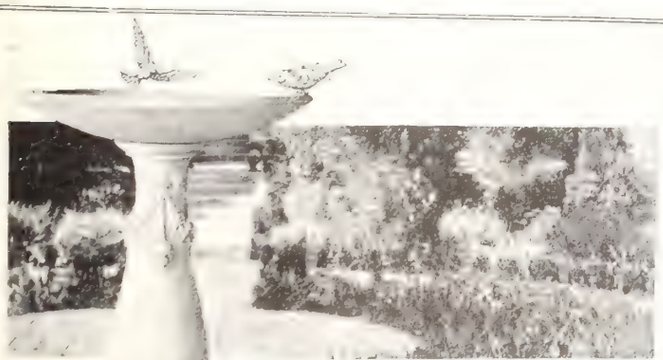
Hardy Nymphaeas and Nelumbiums can not be supplied at this season.

Dreer's Water Lily Leaflet

Gives complete directions for the cultivation of Water Lilies, Aquarium plants and other Aquatics. Copy free on request.

Henry A. Dreer

1306 Spring Garden St. Philadelphia, Pa.

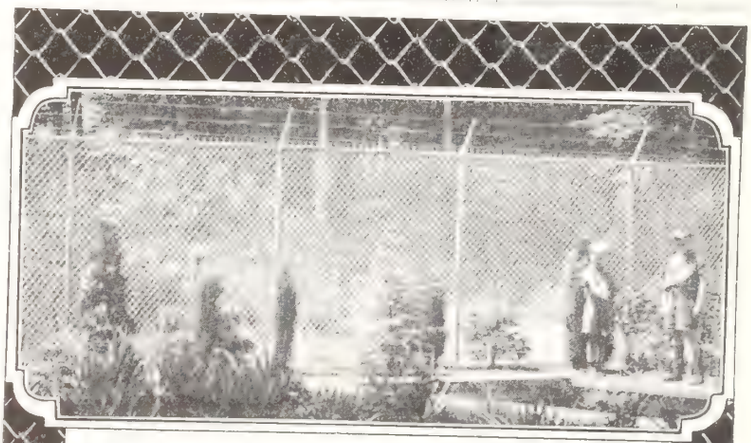


A Bird Bath of GALLOWAY POTTERY

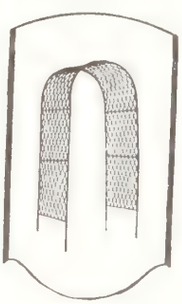
WILL make a delightful spot in your garden, bringing the birds with their merry notes. Our collection of high fired Terra Cottas includes Vases and shapely Jars, Flower Pots, Boxes, Fonts, Sun Dials, Gazing Globes, Benches and other pieces that will add interest to your garden, sunroom and home.

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Thousands of country estates, game preserves, model farms, public and private grounds, all over the nation, attest to the endurance of Fiske Climb-Proof Chain Link Fences.

Fiske fence posts, set deep in concrete, cannot rust at the ground, and the wire fabric is galvanized after, not before, it is woven, thus making it absolutely rust proof.

This fence, because of Fiske special construction, is climb proof.

We contract either to do the installation work or to furnish plans and blueprints with full erecting instructions.

Send for Fiske Catalog 16

J.W. Fiske IRON WORKS
ORNAMENTAL IRON WORK
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ESTABLISHED 1858

THE MILBRADT POWER LAWN MOWER



Cuts four to six acres of grass per day.

Cuts large open spaces rapidly—cuts close places, around trees and bushes without trimming.

Engine drives both traction roller and cutting knives, but either can be operated separately by control through two clutches.

Is very sturdily built, but light in weight so that a 12 year old boy can run it with ease.

Write for catalog and proposition.

MILBRADT MANUFACTURING CO.

Established 1895

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VEGETABLE GARDEN PESTS

FLEA BEETLE. Minute, black, active jumping beetle. Mostly in May and June on seedlings.

Potatoes, Tomatoes; leaves punctured.

Bordeaux mixture with arsenate of lead; tobacco dust on seedlings. Watch closely and apply very promptly.



WHITE GRUB. Large, soft, white, repulsive grub or worm, feeding on roots under ground; ½ to 1¼ inches long.

Through the season. Especially numerous in newly plowed sod ground and moist places.

Attacks Strawberries especially; also Corn, Potatoes, etc.

Plow late in fall. Summer following, harrow thoroughly before planting. Trap adults ("June-bugs"); destroy grubs and reset affected plants.



ROOT MAGGOT. Small white worm or grub ¼" to ½" long.

Through season; first indication, wilting of plants without apparent cause.

Attacks Onions, Cabbage, Cauliflower, Turnips, etc.

Protect Cabbage group with tarred discs placed around plants when set out. Poison paper for adult flies before eggs are laid. Burn infested plants.



Meet Summer's **Water** *Demands!*

Suburbanites have found that the heat of summer is disastrous for lawns and gardens. Many, however have found that the plentiful water supply provided by HOOSIER WATER SERVICE keeps lawns and gardens green and assures an ample amount for the house. The Hoosier gives the convenience of city water--- running water under pressure---at less than city water cost. The Hoosier uses any source of supply and any power. Easy to install, simple and inexpensive to operate.

Ask your retail merchant more about HOOSIER SERVICE.

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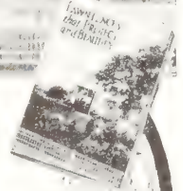
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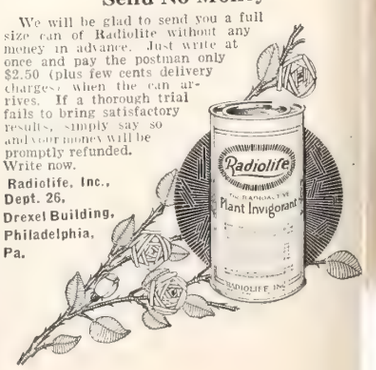
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